

Figure 1: How Total Travel Cost Management (TTCM) Works

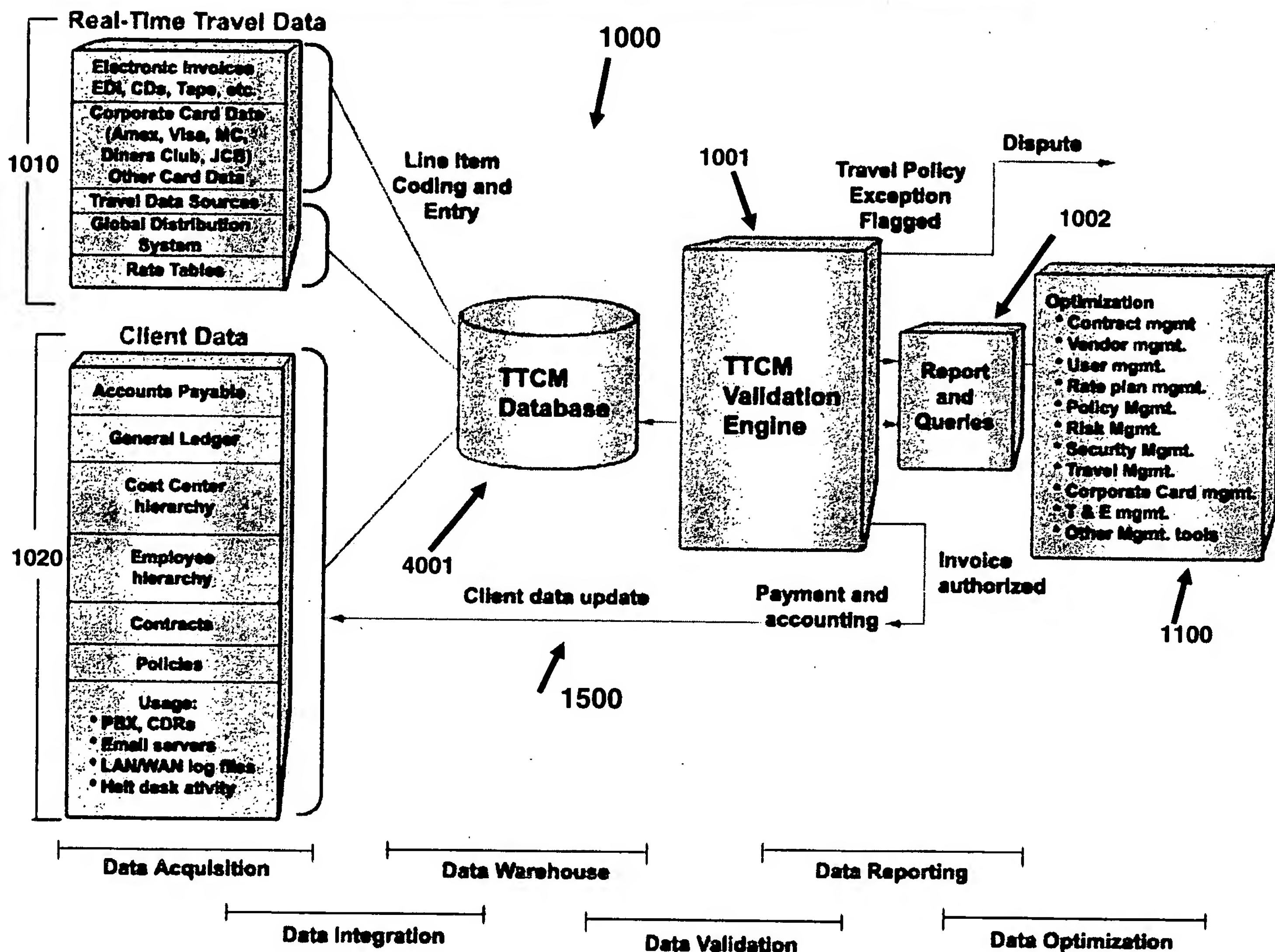
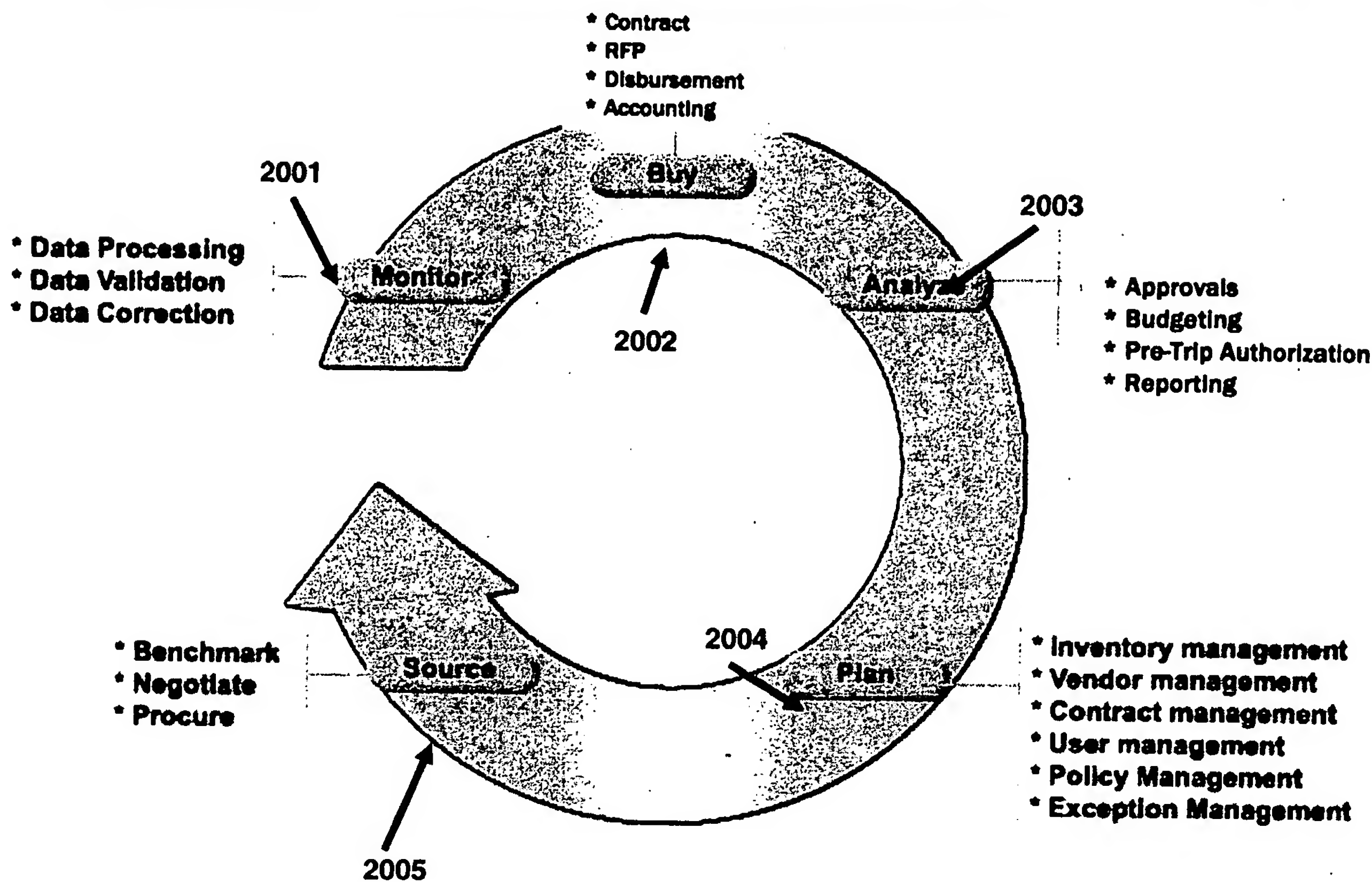


Figure2: Total Travel Cost Management (TTCM) Service Lifecycle



3/44



Figure 4

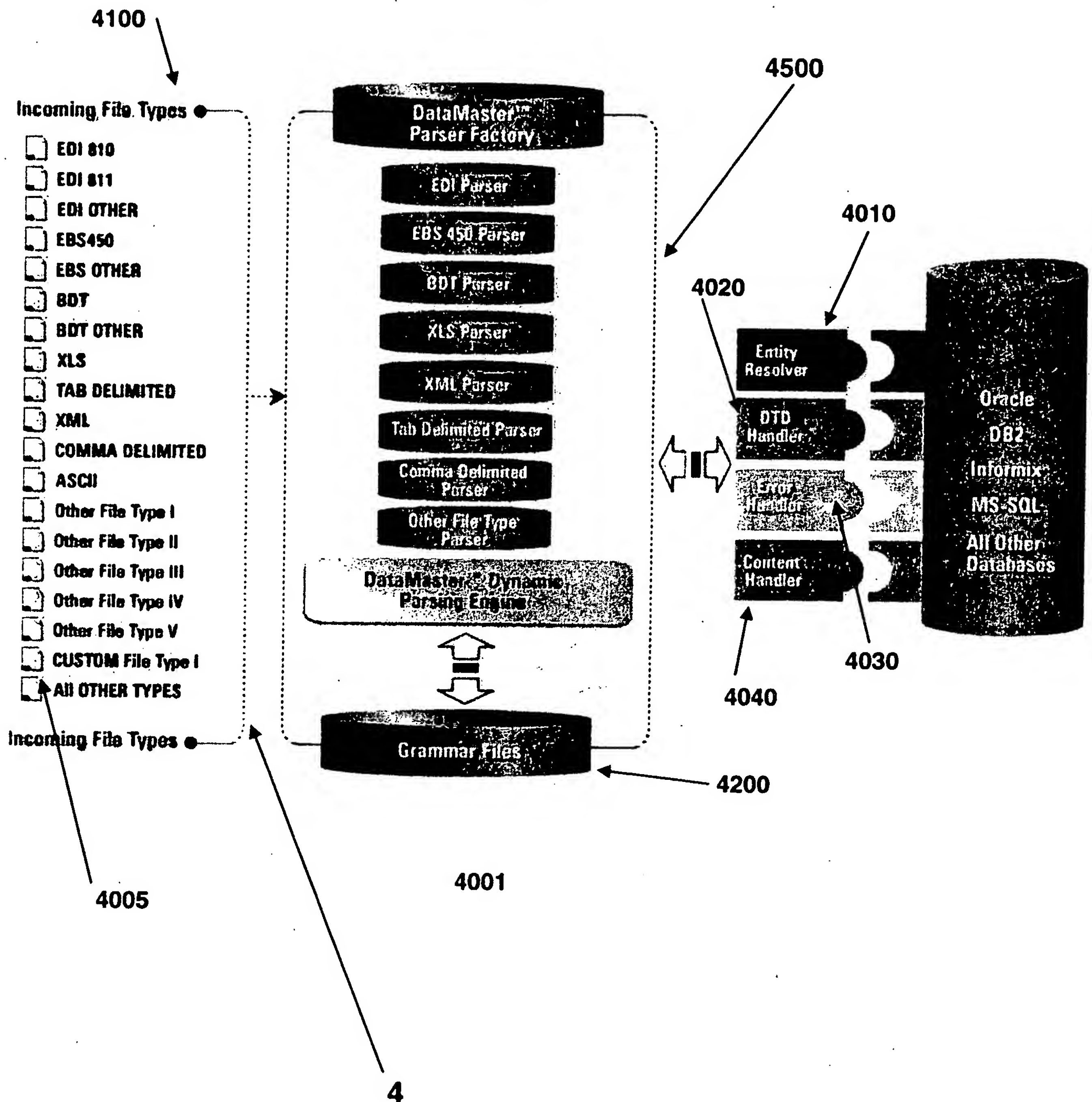


Figure 5

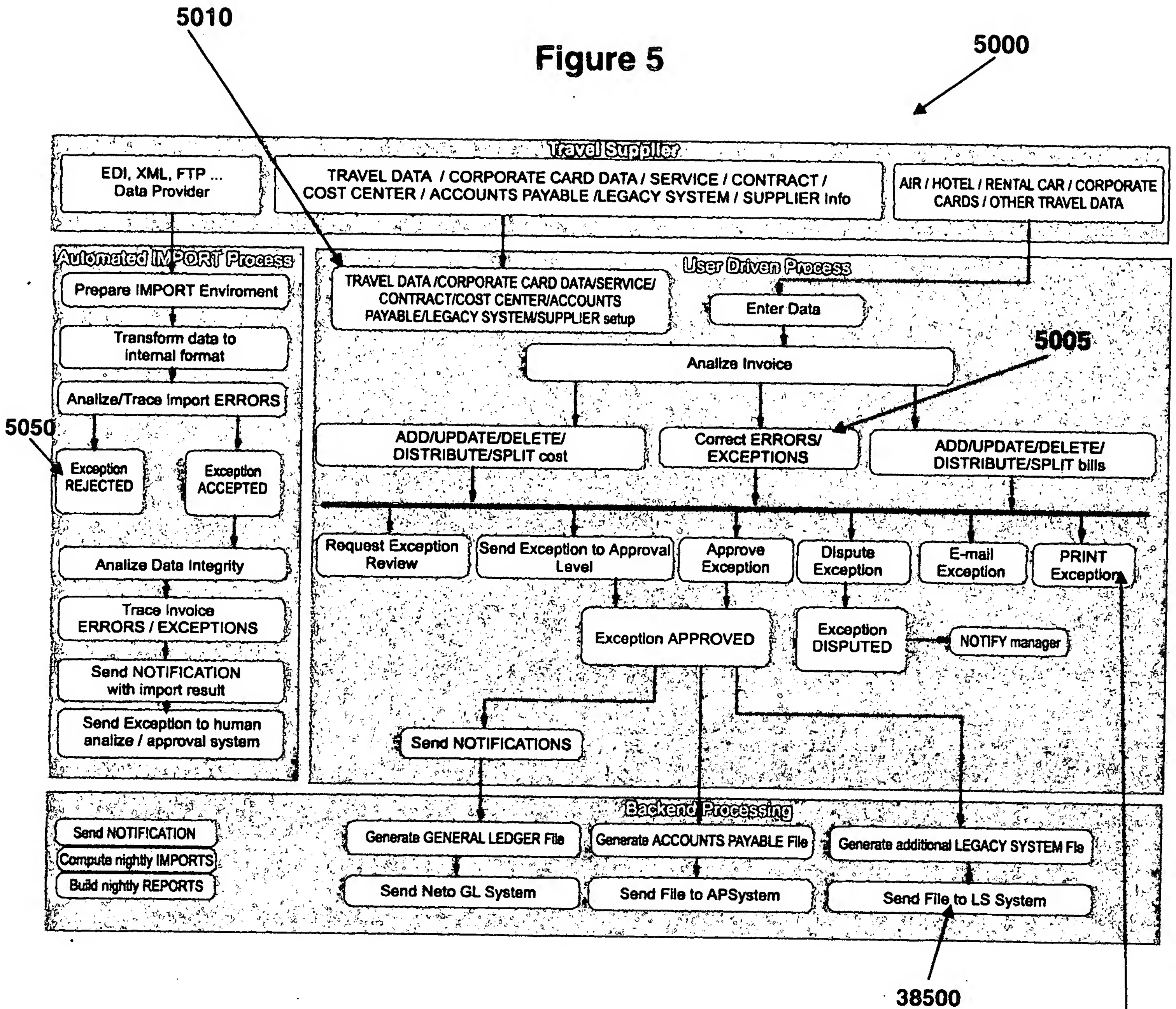


Figure 6

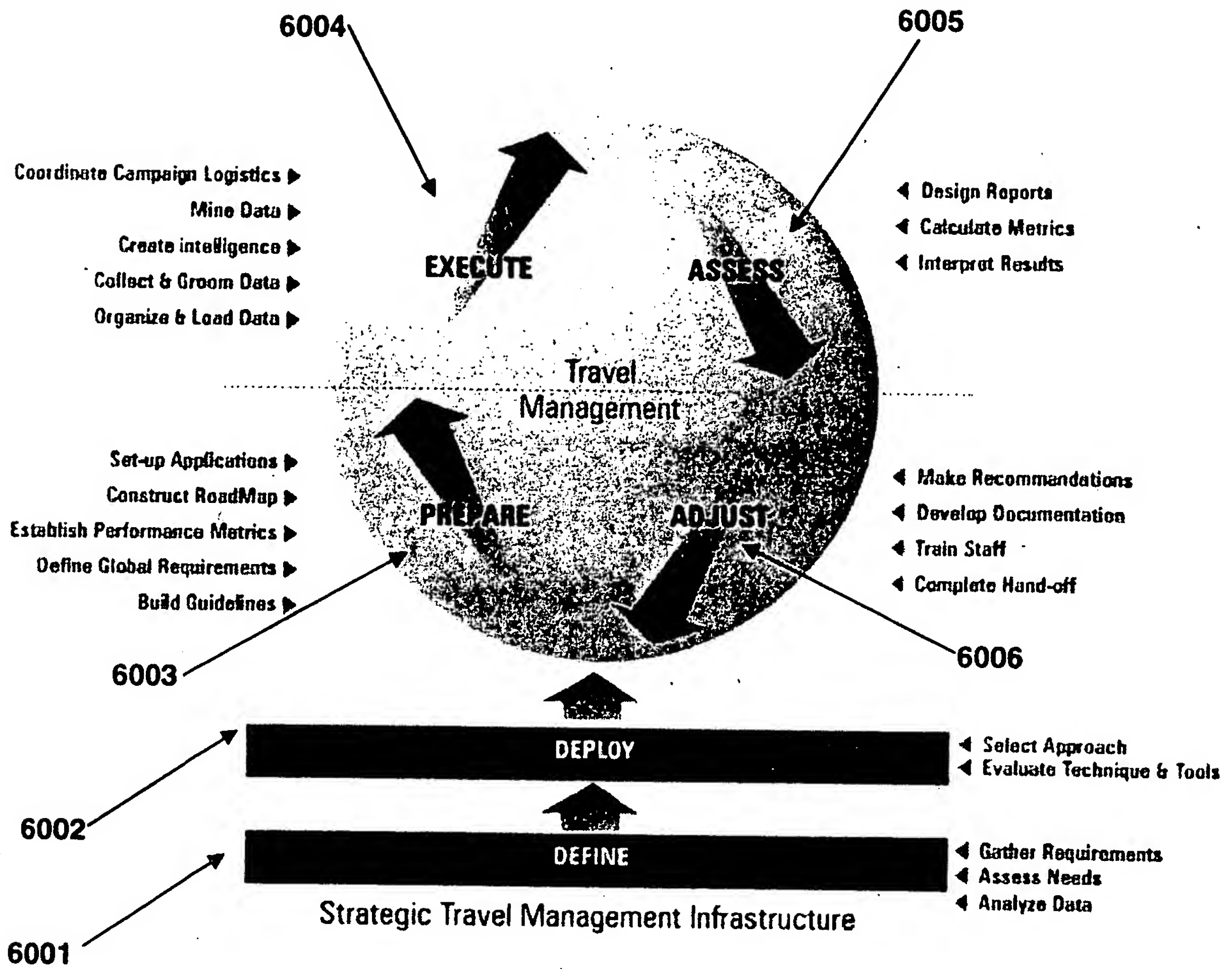


Figure 7

Open Application Architecture

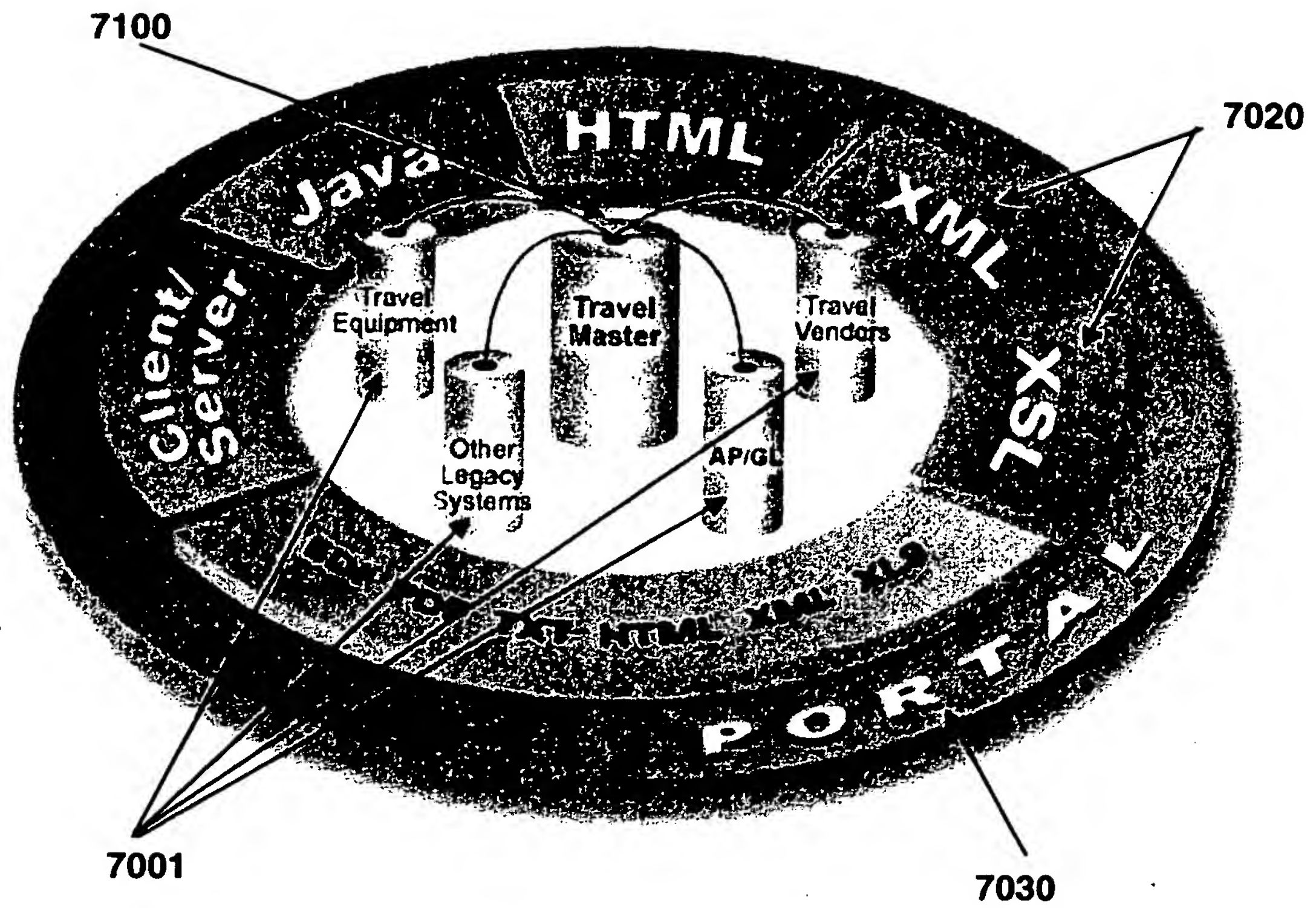


FIGURE 8

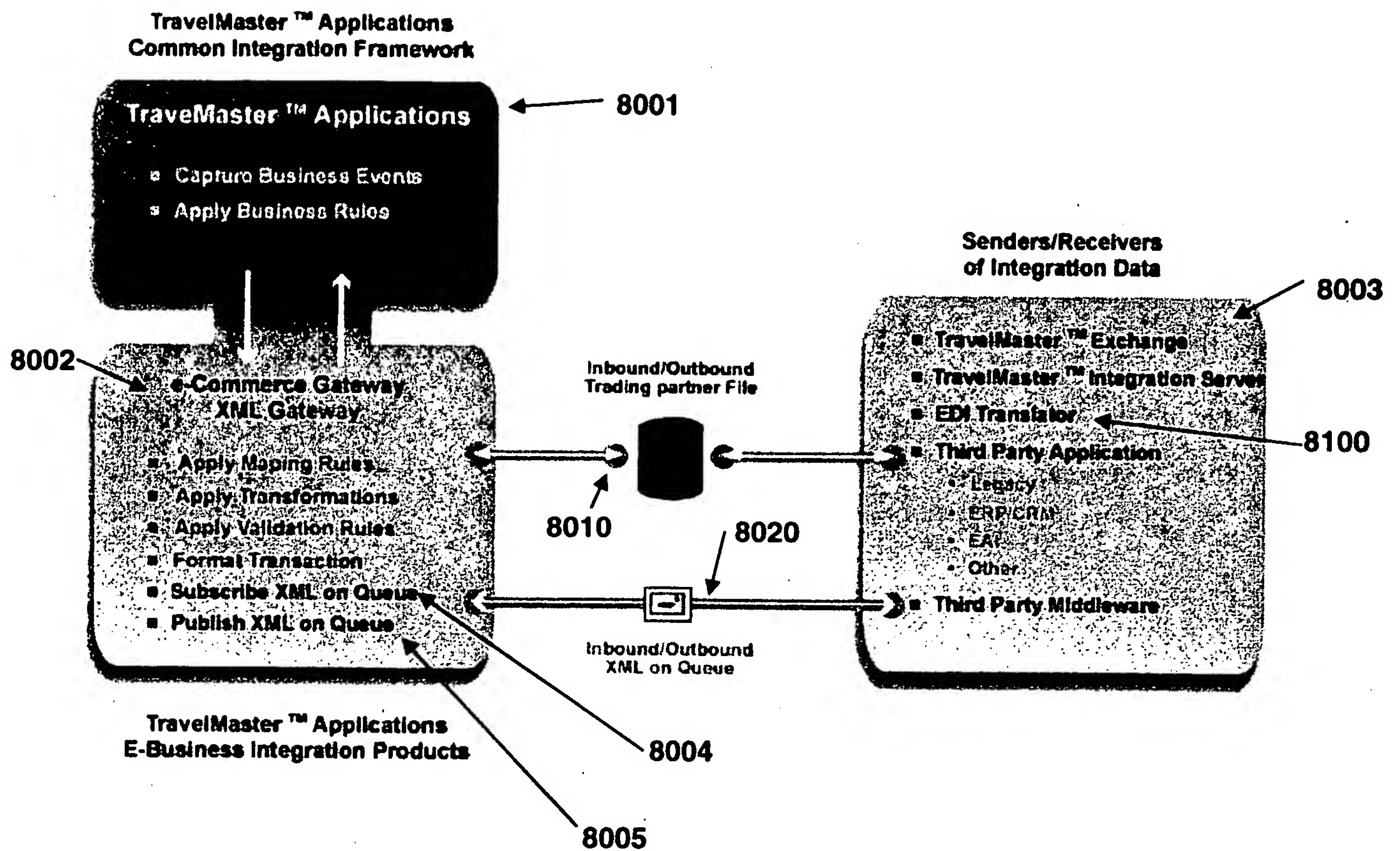


FIGURE 9

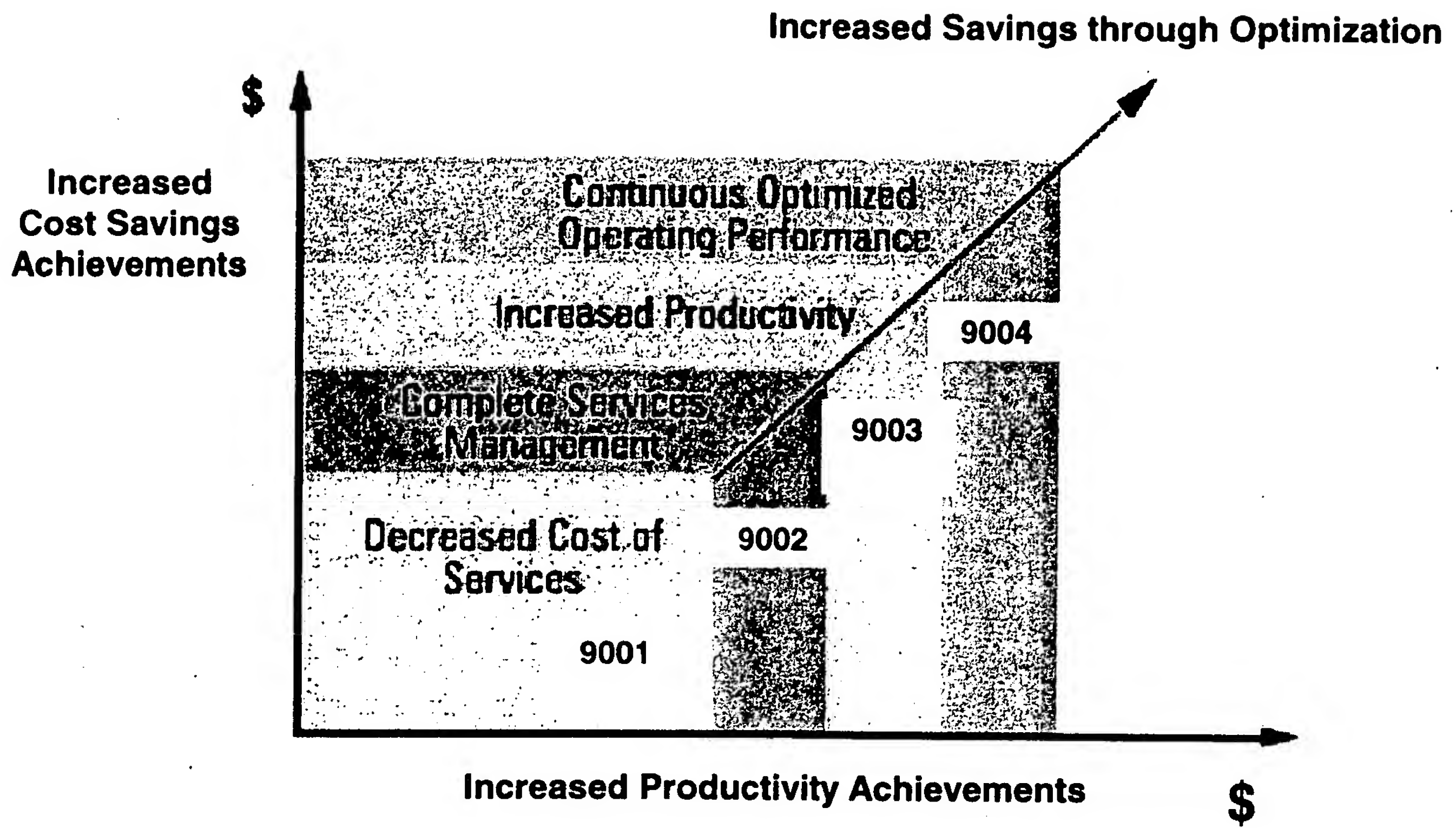




FIGURE 10



Announcing TravelMaster™ I

The first real-time, comprehensive travel program management solution which completely integrates your card and travel data in ways you never imagined. Take control of your travel program TODAY!

- 1) Fully Integrated Real-Time Card and Travel Data
- 2) Global Travel Data Consolidation
- 3) Real-Time Card & Expense Control Management
- 4) Cost-Effective Travel Policies
- 5) Automated Reporting & Analysis
- 6) Comprehensive Security & Compliance
- 7) Streamlined Travel Request Process
- 8) Integrated Supplier Management
- 9) Real-Time Budgeting & Forecasting
- 10) Comprehensive Audit Trail



- TravelMaster® Administrator
- Travel Managers
- Corporate Card Managers
- Security Directors
- Executives
- Program/Project Manager / Budget Estimator
- Travelers
- Travel Supplier Cost / Service Issues Management
- Admin/Travel Assistants
- TravelMessengers™
- Expense Reporting

10001

FIGURE 11

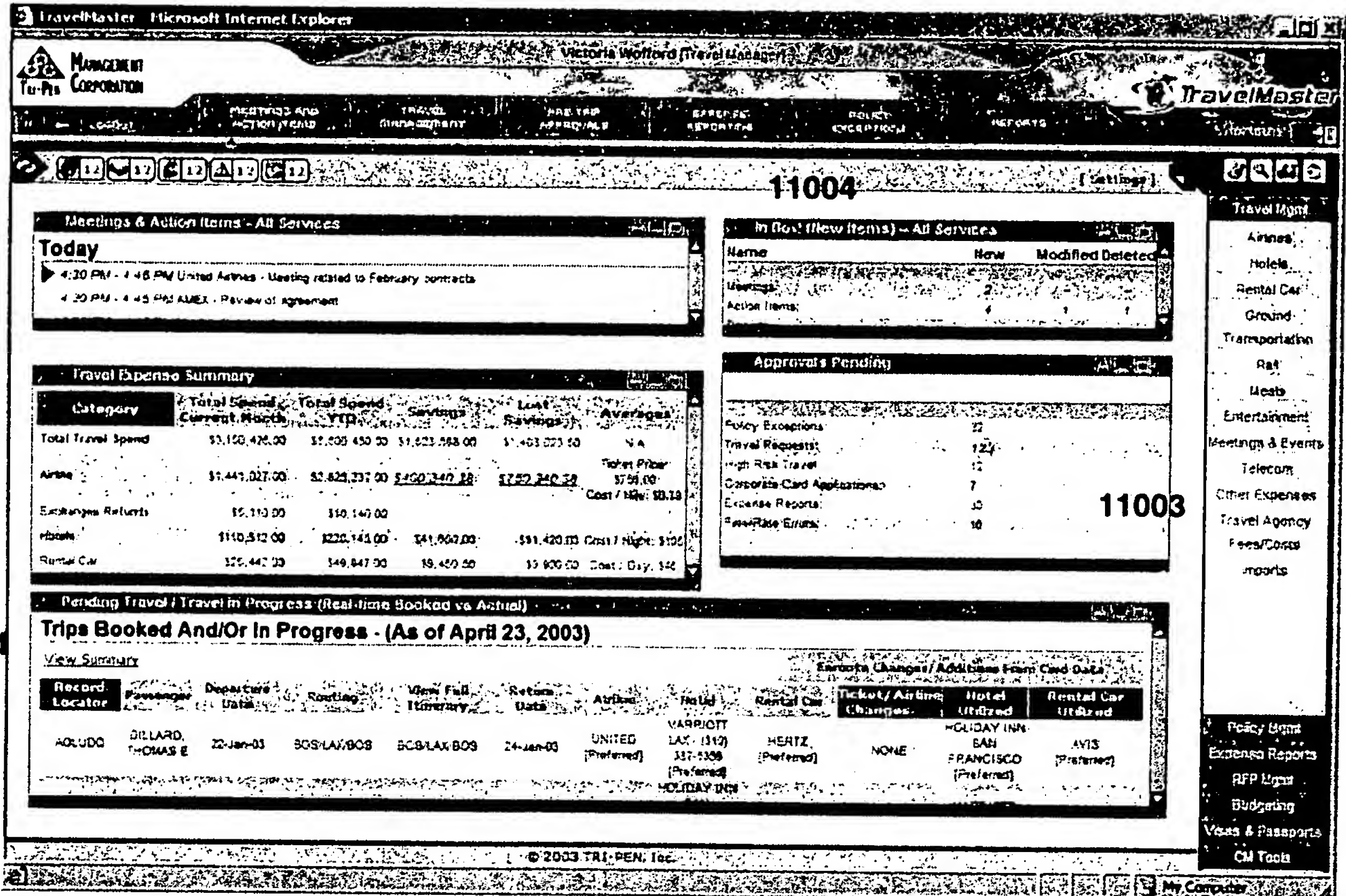


FIGURE 12

TravelMaster Microsoft Internet Explorer Victoria Wofford (Travel Manager)

MANAGEMENT CORPORATION

TravelMaster

LOGOUT INCREASES AND ACTION ITEMS TRAVEL MANAGEMENT PENDING APPROVALS VENDOR REQUESTS REPORTS

[12] [12] [12] [12] [12] [12]

Pending Travel | Travel In Progress (Real-time Booked vs Actual) [Settings]

Trips Booked And/OR In Progress - (As of April 23, 2003)

View Summary Enroute Changes/Additional From Card Data

| Record Locator | Client Name | Departure Date | Routing | Vendor / Itinerary | Return Date | Airline | Hotel | Rental Car | Ticket/Airline Changes | Hotel Utilized | Rental Car Utilized |
|----------------|-------------------|----------------|-------------|--------------------|-------------|-----------------------|--|----------------------|--------------------------------------|--|----------------------|
| HOLUDG | DILLARD, THOMAS E | 22-Jan-03 | BOS/LAX/BOS | BOS/LAX/BOS | 24-Jan-03 | UNITED [Preferred] | MARRIOTT LAX - (710) 337-0258 [Preferred] | HERTZ [Preferred] | NONE | HOLIDAY INN SAN FRANCISCO [Preferred] | AVIS [Preferred] |
| FOJNQG | MULLER, MIKE B | 23-Jan-03 | BOS/SFO/BOS | BOS/LAX/BOS | 23-Jan-03 | UNITED [Preferred] | HOLIDAY INN SAN FRANCISCO - (657) 673-4524 [Preferred] | HERTZ [Preferred] | NONE | MARRIOTT LAX AIRPORT [Preferred] | NO CHANGE |
| JTLPHR | DREW, KAREN | 25-Jan-03 | BWU/TPA-BWI | BWU/TPA-BWI | 29-Jan-03 | American | AMERICUSITES TAMPA AIRPORT - (813) 282-1146 [Preferred] | HERTZ [Preferred] | NONE | NO CHANGE | AVIS [Preferred] |
| FNNXMF | KOLE, DAVID A | 13-Feb-03 | CVG/DCA/CVG | CVG/DCA/CVG | 14-Feb-03 | Northeast | HOTEL HOLME - (331) 313-3519 [Preferred] | HERTZ [Preferred] | NONE | RANSON HOTEL & SUITE [Preferred] | NO CHANGE |
| EDPLFA | SMITH, DEANNA S | 13-Jan-03 | DCA/HSV/DCA | DCA/HSV/DCA | 14-Jan-03 | UNITED [Preferred] | HOLIDAY INN HUNTSVILLE - (256) 494-3782 [Preferred] | HERTZ [Preferred] | NONE | NO CHANGE | CHEVY [Preferred] |
| OZYLW | HARRETT, HAROLD W | 13-Jan-03 | DFW/DCA/DFW | DFW/DCA/DFW | 14-Jan-03 | UNITED [Preferred] | WASHINGTON PLAZA CROWN - (202) 522-9025 [Preferred] | HERTZ [Preferred] | AMERICAN AIRLINES [Not Preferred] | ELTON FRANKFURT [Preferred] | HERTZ [Preferred] |

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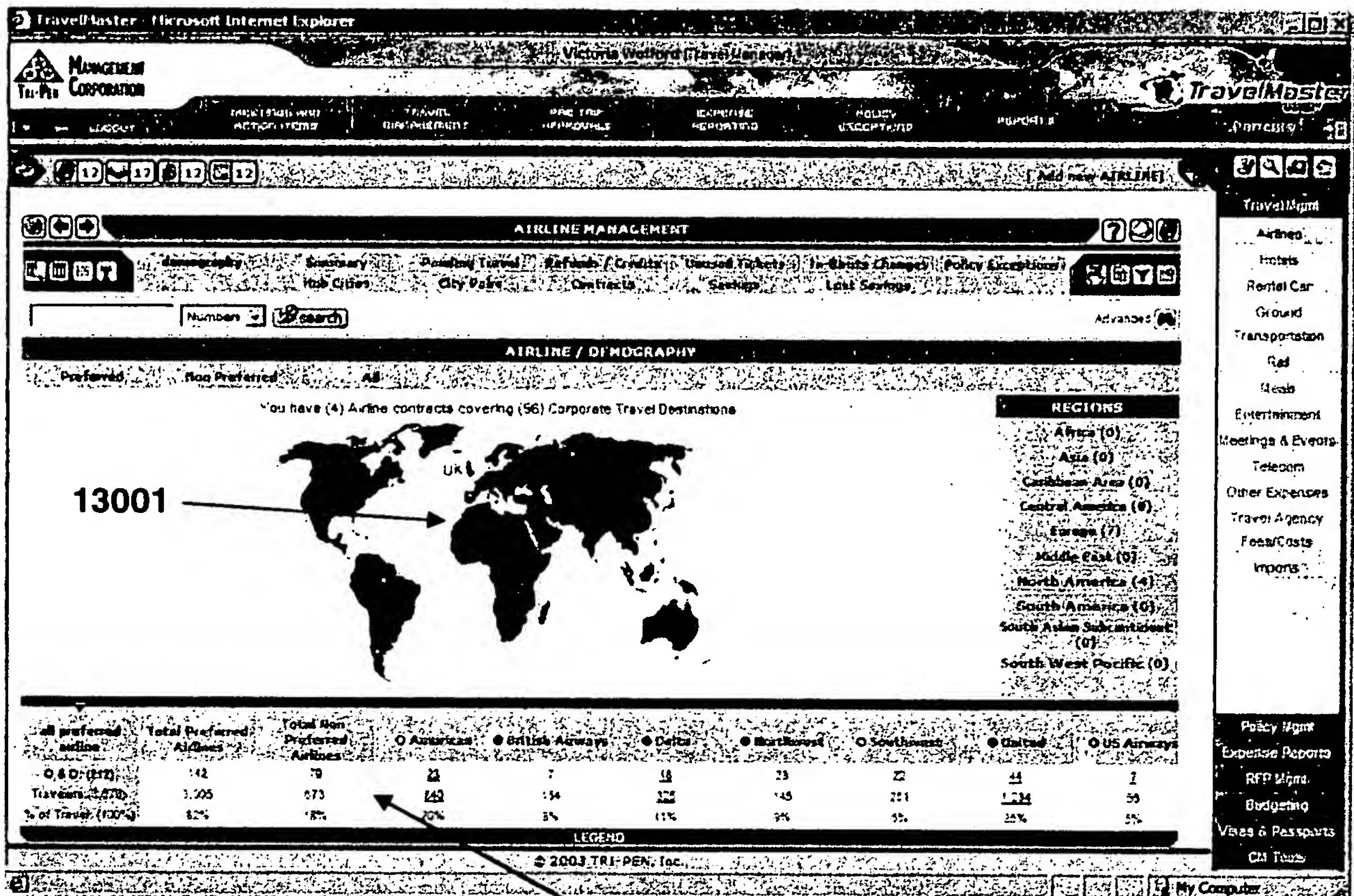
Done My Computer

Travel Menu

- Airlines
- Hotels
- Rental Car
- Ground Transportation
- Rail
- Meals
- Entertainment
- Meetings & Events
- Telecom
- Other Expenses
- Travel Agency Fees/Costs
- Imports
- Policy Mgmt
- Expense Reports
- PDF Mgr
- Budgeting
- Visas & Passports
- CM Tools

12001

FIGURE 13



13002

FIGURE 14

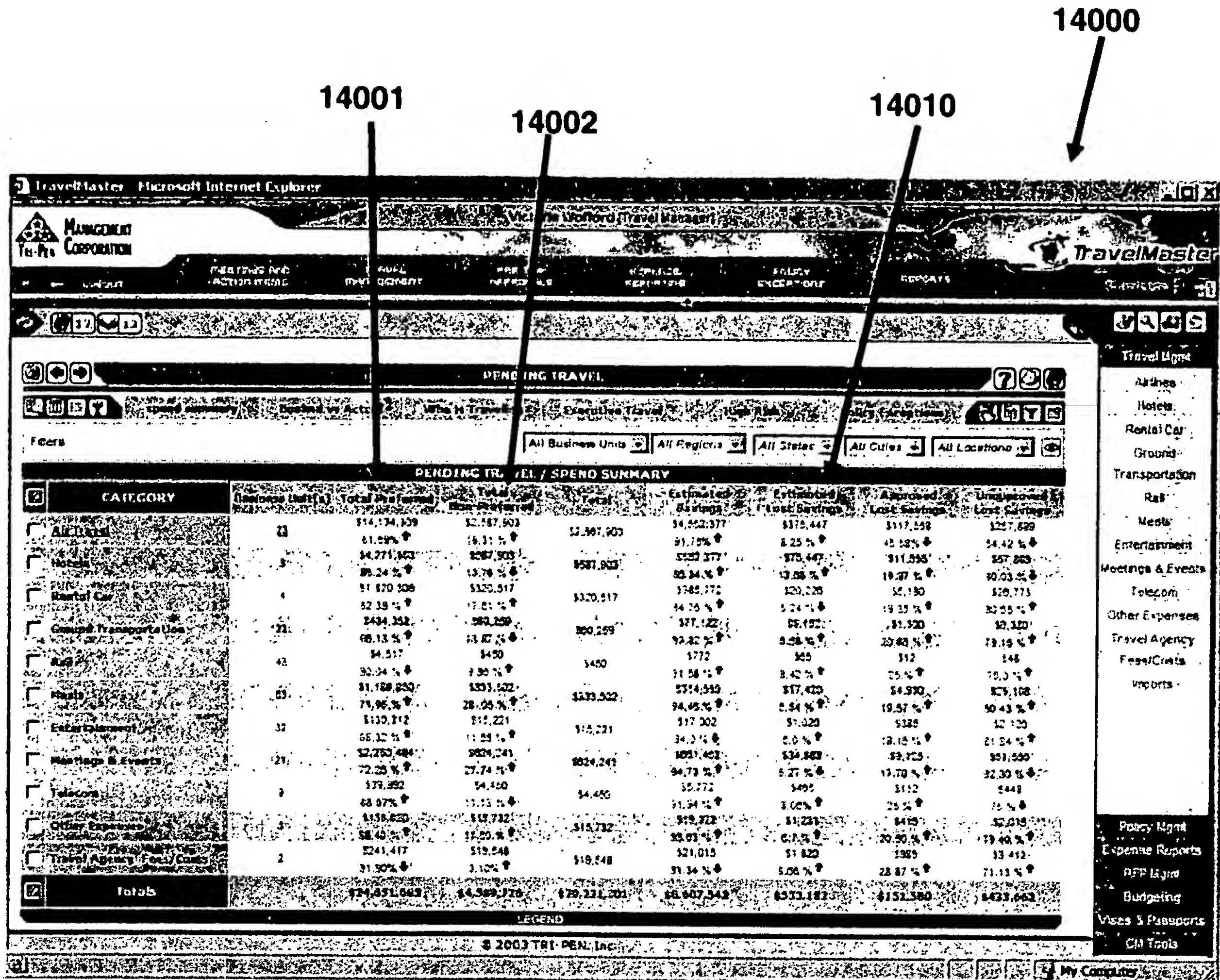


FIGURE 15

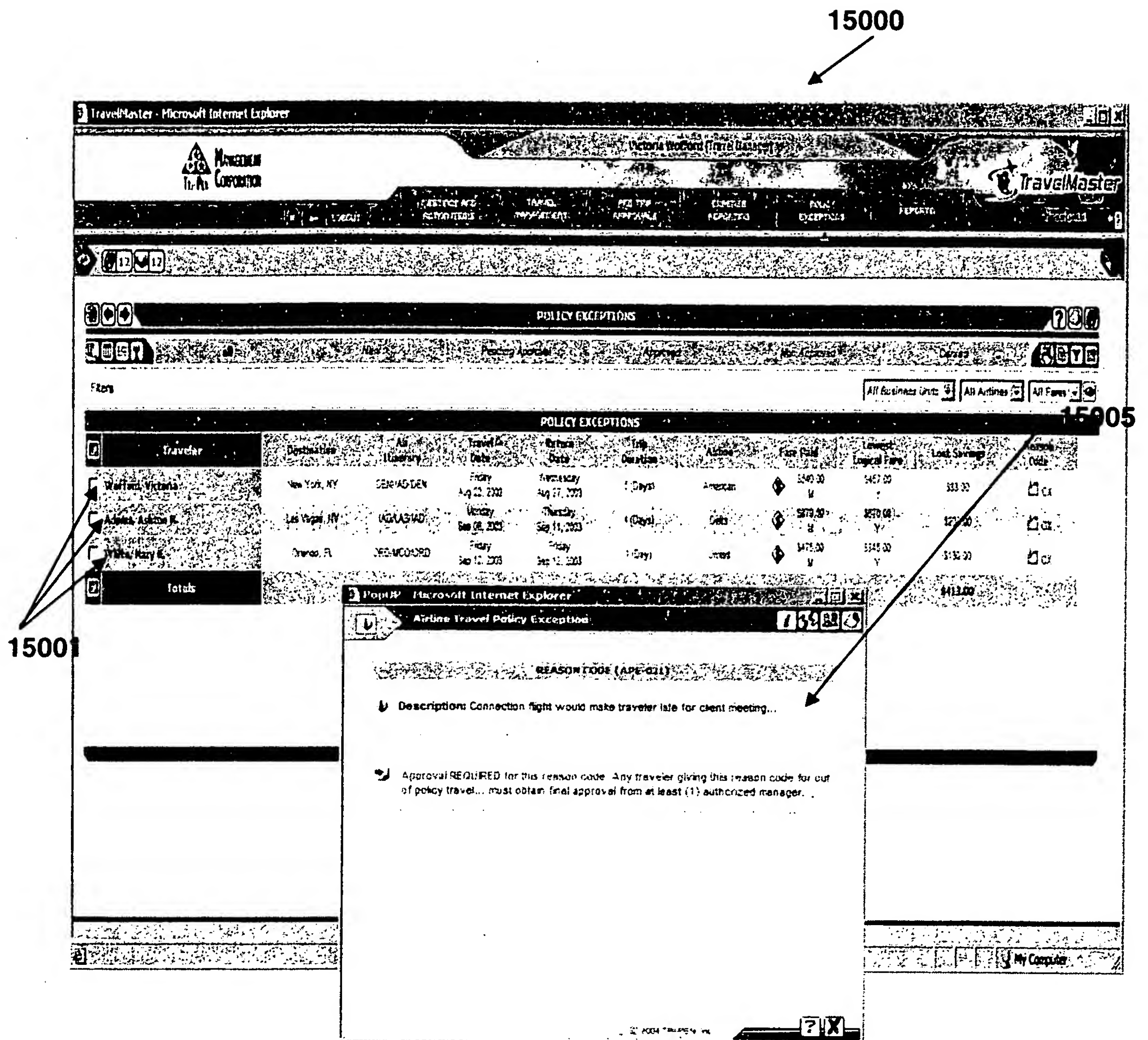


FIGURE 16

TravelMaster - Microsoft Internet Explorer

MANAGEMENT CORPORATION Victoria Wolford (Travel Manager)

TravelMaster

EXPENSE REPORT MANAGEMENT

Summary Pending Overdue Declined Paid Cost of Noncompliance

Filters All Business Units All Regions All States All Cities All Cards

| Report Categories | Total Expense | Total Overdue Reporting | Employees Reporting | Total Reports | Total Expense | Total Company Expense |
|--|------------------|----------------------------|------------------------|------------------|------------------|--------------------------|
| <input checked="" type="checkbox"/> Transportation | 7,348 | 79 | 761 | 2,130 | \$14,343,770 | \$2,114,147 |
| <input type="checkbox"/> Airfare | 715 | 12 | 122 | 229 | \$2,980,327 | \$942,099 |
| <input type="checkbox"/> Other | 200 | 6 | 29 | 124 | \$900,099 | \$128,120 |
| <input type="checkbox"/> Personal Auto | 415 | 17 | 137 | 412 | \$2,489,000 | \$425,001 |
| <input type="checkbox"/> Rental Car | 338 | 14 | 181 | 302 | \$2,308,129 | \$458,792 |
| <input type="checkbox"/> Taxi/Limo/Car Service | 429 | 9 | 150 | 151 | \$983,220 | \$112,229 |
| <input type="checkbox"/> Train + Rail | 188 | 22 | 132 | 173 | \$1,323,124 | \$349,020 |
| <input checked="" type="checkbox"/> Lodging | 1,032 | 229 | 893 | 2,440 | \$4,883,634 | \$740,129 |
| <input type="checkbox"/> Hotel | 1,032 | 229 | 791 | 2,440 | \$4,883,634 | \$740,129 |
| <input checked="" type="checkbox"/> Meals | 10,120 | 522 | 892 | 7,093 | \$2,218,093 | \$510,347 |
| <input type="checkbox"/> Meals (Alone) | 566 | 104 | 432 | 1,033 | \$1,317,761 | \$210,300 |
| <input type="checkbox"/> Breakfast (Alone) | 52 | 98 | 75 | 100 | \$215,129 | \$72,100 |
| <input type="checkbox"/> Dinner (Alone) | 231 | 120 | 198 | 323 | \$683,270 | \$90,023 |
| <input type="checkbox"/> Lunch (Alone) | 206 | 134 | 155 | 260 | \$407,231 | \$72,110 |
| <input type="checkbox"/> Snacks/Other (Alone) | 47 | 90 | 72 | 222 | \$150,284 | \$39,817 |

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My Computer

16001

FIGURE 17

[illegible]

17001

17005

FIGURE 18

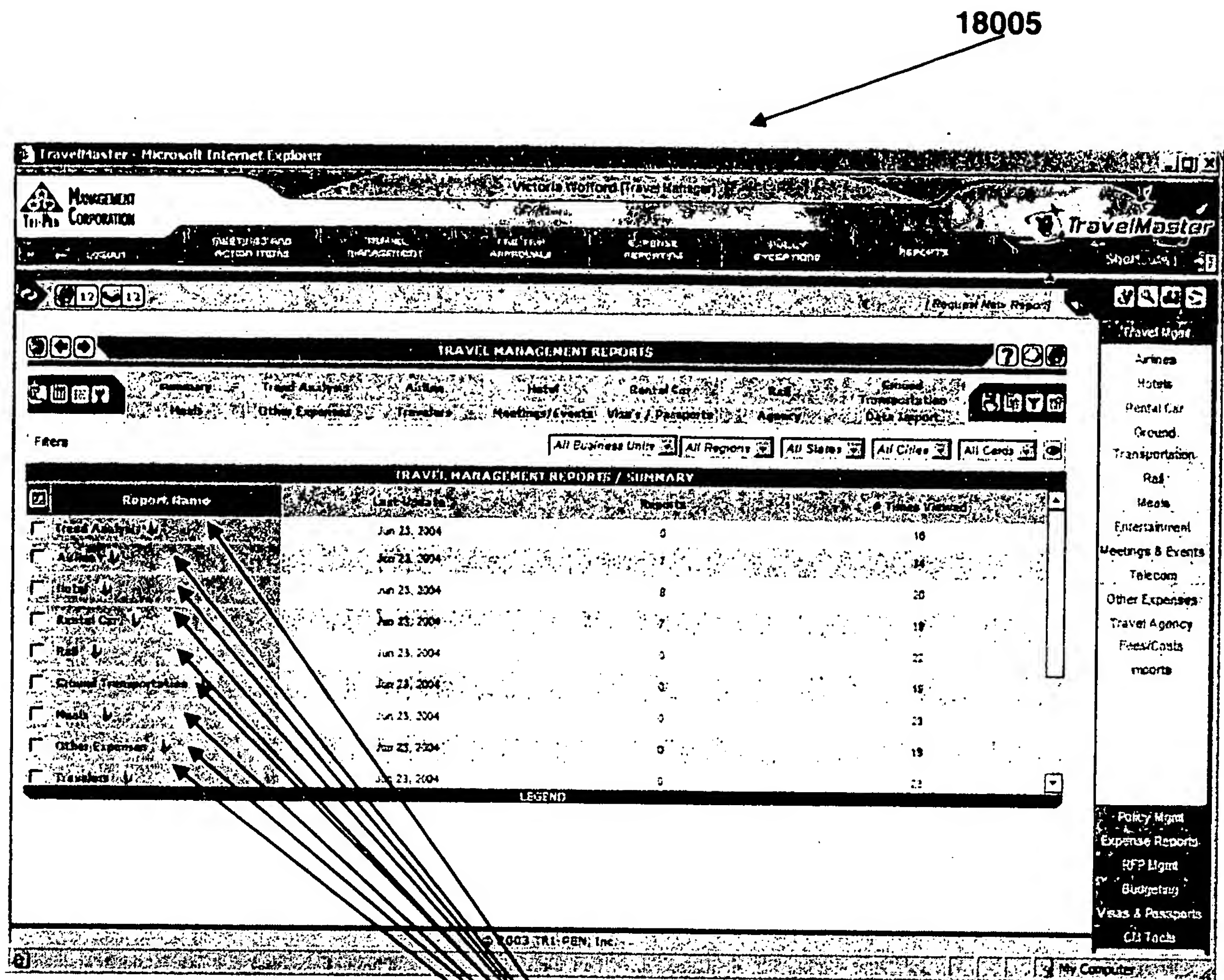


FIGURE 19

19000

TravelMaster Microsoft Internet Explorer

Management Corporation

Anthony Smith (Manager)

CORPORATE CARD MANAGER

TravelMaster

LOGOUT

TRAVEL AND
ACTIVITY FEEDBACK

CARD
MANAGEMENT

LINK
MANAGEMENT

REPORTING
CARD ORDER

REPORTS TRAVEL
TRAVEL AT PROGRESS

REPORTS

Corporate Card

Summary

Pending Travel

Policy Exceptions

Pending Cards

Contracts

Suspended

Delinquent

Unlink

Filters

All Business Units

All Regions

All States

All Cities

All Cards

CORPORATE CARD / SUMMARY / BY TYPE

| Card Brands | Unlinked Corp Cards | Meeting Cards | Declining Balance Cards | Guaranteed Cards |
|------------------------------|------------------------|------------------|----------------------------|---------------------|
| American Express | 100 | 20 | 140 | 50 |
| Chase Club (Citi Bank) | 1 | 1 | 10 | 1 |
| JCB (Central Bank of London) | 1 | 1 | 1 | 1 |
| Master Card (MBRA America) | 1 | 0 | 10 | 0 |
| Visa (First USA) | 0 | 0 | 0 | 0 |
| Totals | 103 | 22 | 150 | 52 |

LEGEND

Policy Mgmt

Expense Reports

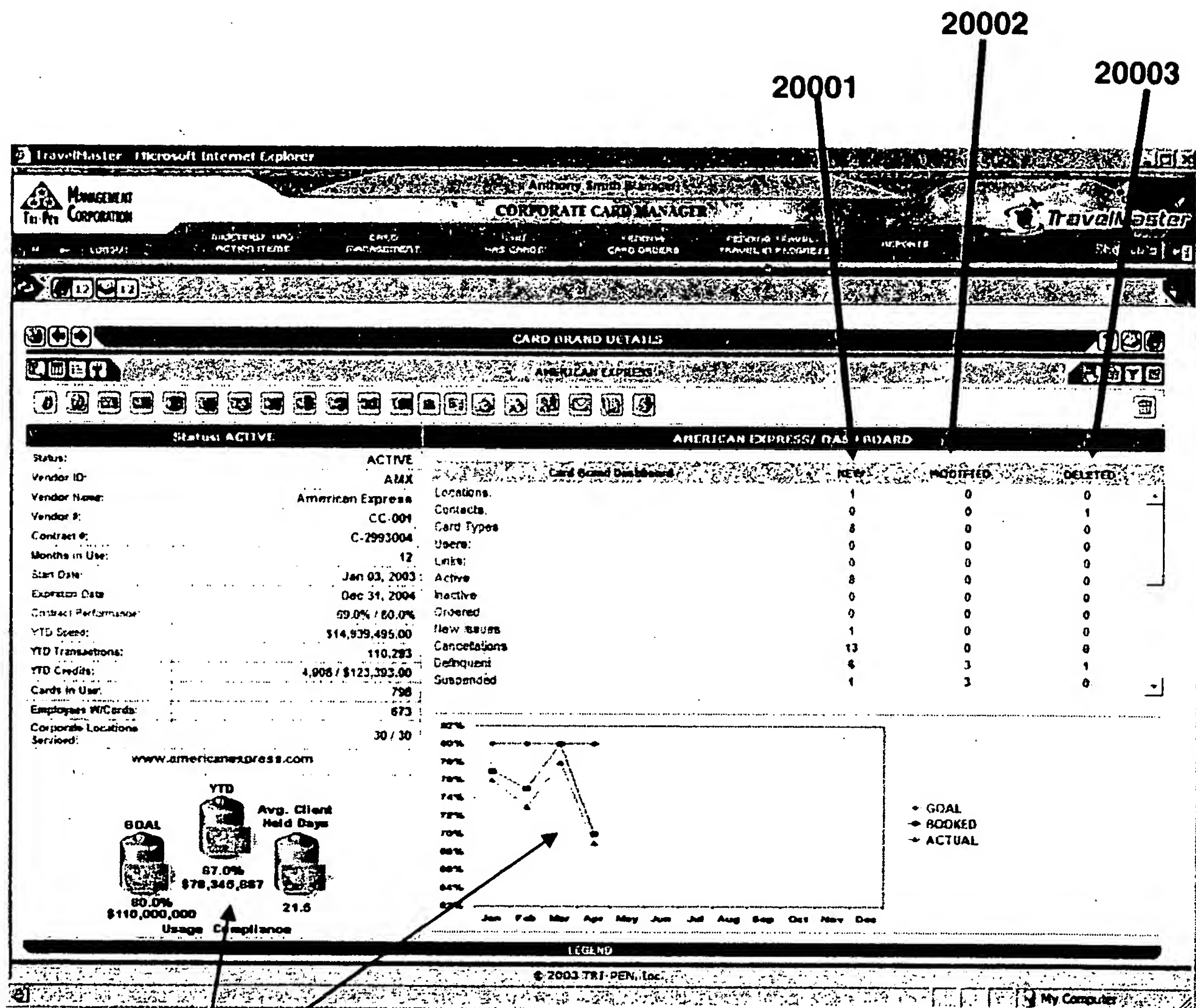
Call Tools

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My Computer

19001

FIGURE 20



20005

20000

FIGURE 21

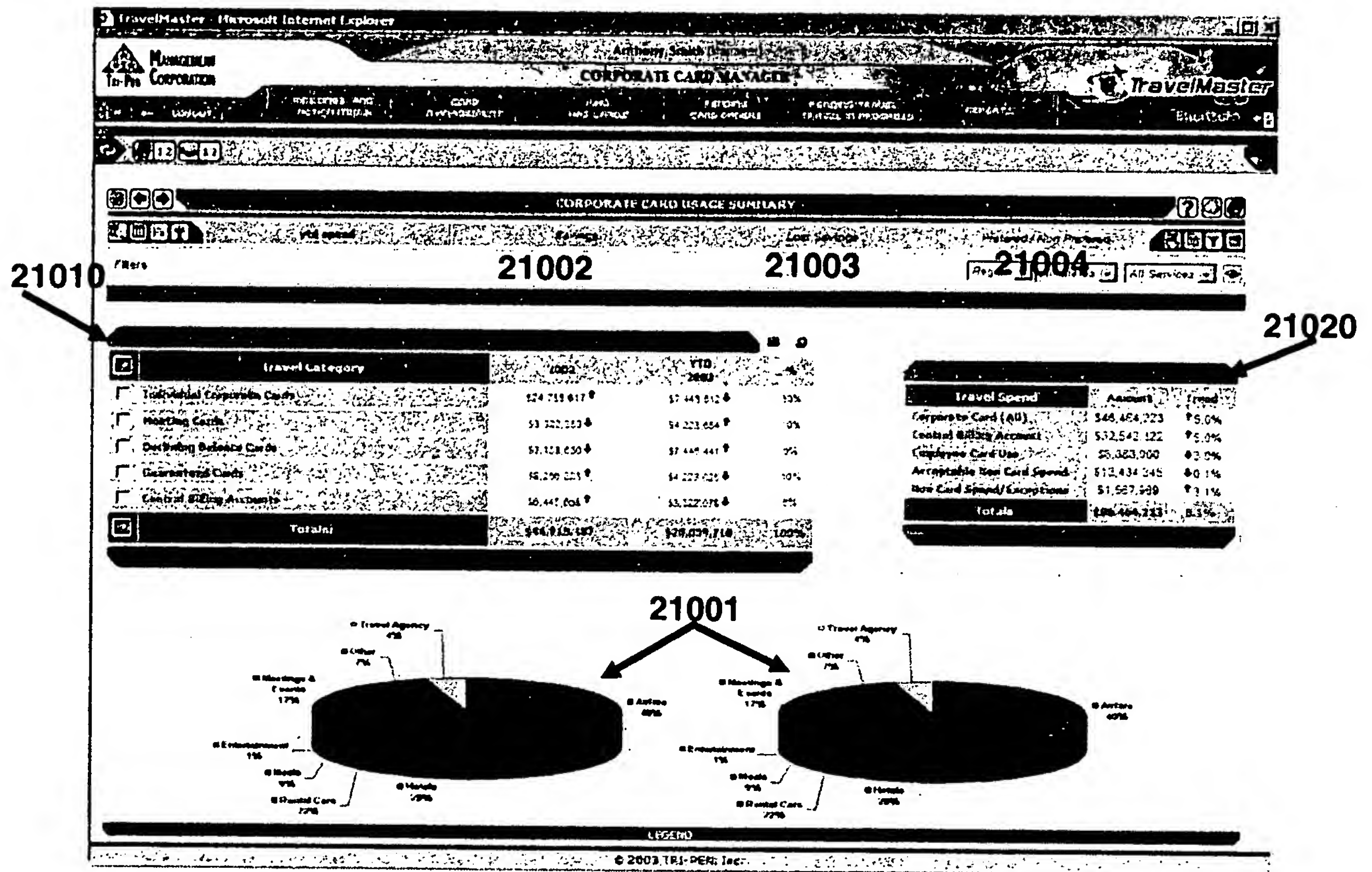


FIGURE 22

22001

TravelMaster - Microsoft Internet Explorer

Management Corporation

Anthony Smith

CORPORATE CARD MANAGER

TravelMaster

Corporate Travel Card Summary

Card Summary

Card Number: 3723-334747-11238

Status: ACTIVE

Cardholder: Brenda Smith

Card Type: American Express

Cardholder ID: PC-39845

Months in Use: 12

Credit Limit: \$10,000.00

Primary Use: Travel

Terms: Net 30

Employee ID: TP-350030

Issue Date: Jan 03, 2003

Expiration Date: Feb 07, 2003

Card: GL0533924

Issued to: Brenda Smith

Phone: (704) 222-3030

Division: Division 1A

Last Invoice: \$4,996.00

Liability: Personal or Corporate

10 Days PAST DUE! Please Pay Statement

CARD IMAGE SUMMARY

| Trans. Date | Post Date | Type | Description | Transaction Number | Amount |
|---------------|--------------|---------|---|---------------------|-------------------|
| Mar 25, 2004 | Mar 25, 2004 | Sale | ENTERPRISE RENT | 242451FB-0VRGY77 | \$129.85 |
| Mar 25, 2004 | Mar 25, 2004 | Sale | INTERCONTINENTAL HOTEL (Lodging) | 242257DF-3FBAWNSJ | \$121.00 |
| Mar 25, 2004 | Mar 25, 2004 | Sale | LUXOR HOTEL CASINO (Lodging) | 240147TF-02F9LKD9 | \$146.51 |
| Mar 25, 2004 | Mar 25, 2004 | Sale | US AIRWAYS | 2423234K-05DFB0 | \$912.89 |
| Mar 25, 2004 | Mar 25, 2004 | Payment | PAYMENT - THANK YOU (Other) | 240010F3-0EASV23 | \$167.00 |
| Mar 25, 2004 | Mar 25, 2004 | Sale | MANDALAY - BAY SIDE BUFFET (Lodging) | 240104DF-1ED14B02 | \$40.57 |
| Mar 25, 2004 | Mar 25, 2004 | Sale | LUXOR ATTRACTIONS (Lodging) | 2401044F-1ER34CW431 | \$41.50 |
| Mar 25, 2004 | Mar 25, 2004 | Sale | LUXOR BUFFET (Dining and Entertainment) | 240104F3-0DFCSM10 | \$21.48 |
| Totals | | | | | \$1,710.83 |

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FIGURE 23

23001

TravelMaster - Microsoft Internet Explorer

CORPORATE CARD REPORTS

Summary Top Travel Agency Aging Analysis Cardmember Behavior

Current Period All Card Companies All Card Types Date Range

CORPORATE CARD REPORTS / SUMMARY BY INDUSTRY



| Report Name | Last Updated | Reports | # Times Viewed |
|--|--------------|---------|----------------|
| <input type="checkbox"/> Corporate Card Summary | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> Air Booking Source Exception Report | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> Cardmember Activity Report | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> Industry Spending Summary | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> International Spending Summary Top 2 | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> International Spending Summary | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> Airline Credit Report | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> Airline Spending Summary | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> Total Traffic Report by Segment | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> Air Booking Source Report | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> Cardmember Activity Report | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> Cardmember Listing | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> Car Rental Spending Summary | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> Lodging Spending Summary | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> Monthly Issuance Cancellation Report | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> Corporate Express Cash Travelers' Charges | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> Pre-Travel Report | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> Restaurant Spend Analysis (top 2 states) | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> Spending Analysis Detail | Jul 23, 2004 | 0 | 0 |
| <input type="checkbox"/> Total Traffic Summary by Card | Jul 23, 2004 | 0 | 0 |
| Totals | | | |

LEGEND

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My Computer

FIGURE 24

[Logout](#) | Victoria Wefford [administrator]

MENU

- CATEGORY MANAGEMENT
- USER TYPES (ROLE)
- USER MANAGEMENT
- COMMUNITY MANAGEMENT

USER MANAGEMENT - Users Listing

Filters

User name:
User role:
Company:

| Name | Roles | Last login | City/State | Phone | E-mail | Controls |
|-------|---------------|---------------|-----------------|----------------|-----------------|--------------------------|
| User1 | L3Comm Role1 | June 23, 2004 | New York, NY | (509) 555-1212 | user1@user1.com | <input type="checkbox"/> |
| | Loral Role2 | | | | | |
| | Tri-Pen Role3 | | | | | |
| User2 | L3Comm Role1 | June 23, 2004 | Memphis, TN | (509) 555-1212 | user1@user1.com | <input type="checkbox"/> |
| | Loral Role2 | | | | | |
| | Tri-Pen Role3 | | | | | |
| User3 | L3Comm Role1 | June 23, 2004 | Los Angeles, CA | (509) 555-1212 | user1@user1.com | <input type="checkbox"/> |
| | Tri-Pen Role3 | | | | | |
| | L3Comm Role1 | | | | | |
| User4 | L3Comm Role1 | June 23, 2004 | New York, NY | (509) 555-1212 | user1@user1.com | <input type="checkbox"/> |
| User5 | Tri-Pen Role3 | June 23, 2004 | Memphis, TN | (509) 555-1212 | user1@user1.com | <input type="checkbox"/> |
| User6 | Tri-Pen Role3 | June 23, 2004 | Los Angeles, CA | (509) 555-1212 | user1@user1.com | <input type="checkbox"/> |
| User1 | Tri-Pen Role3 | June 23, 2004 | Memphis, TN | (509) 555-1212 | user1@user1.com | <input type="checkbox"/> |
| User1 | Tri-Pen Role3 | June 23, 2004 | Los Angeles, CA | (509) 555-1212 | user1@user1.com | <input type="checkbox"/> |

24001

FIGURE 25

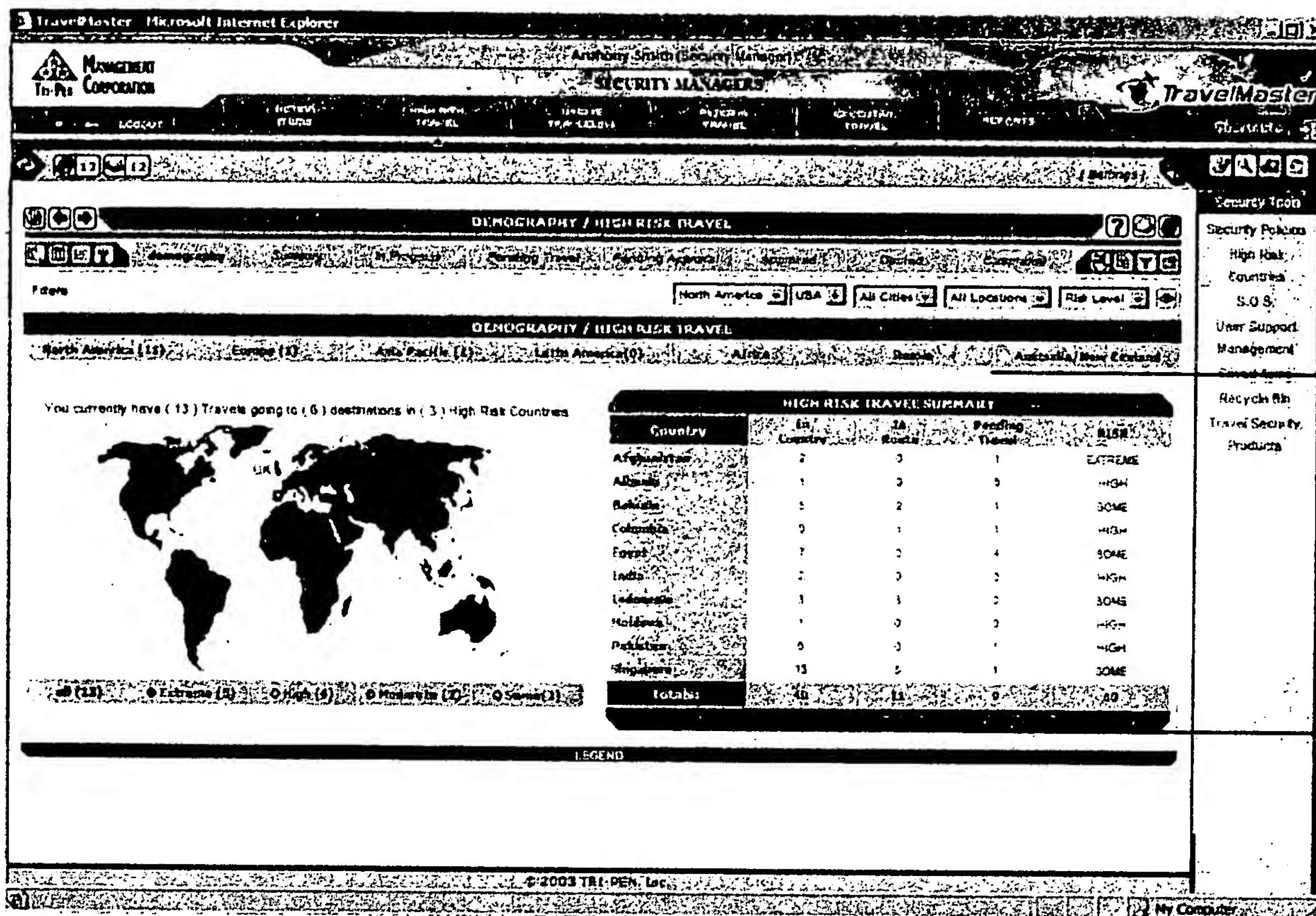
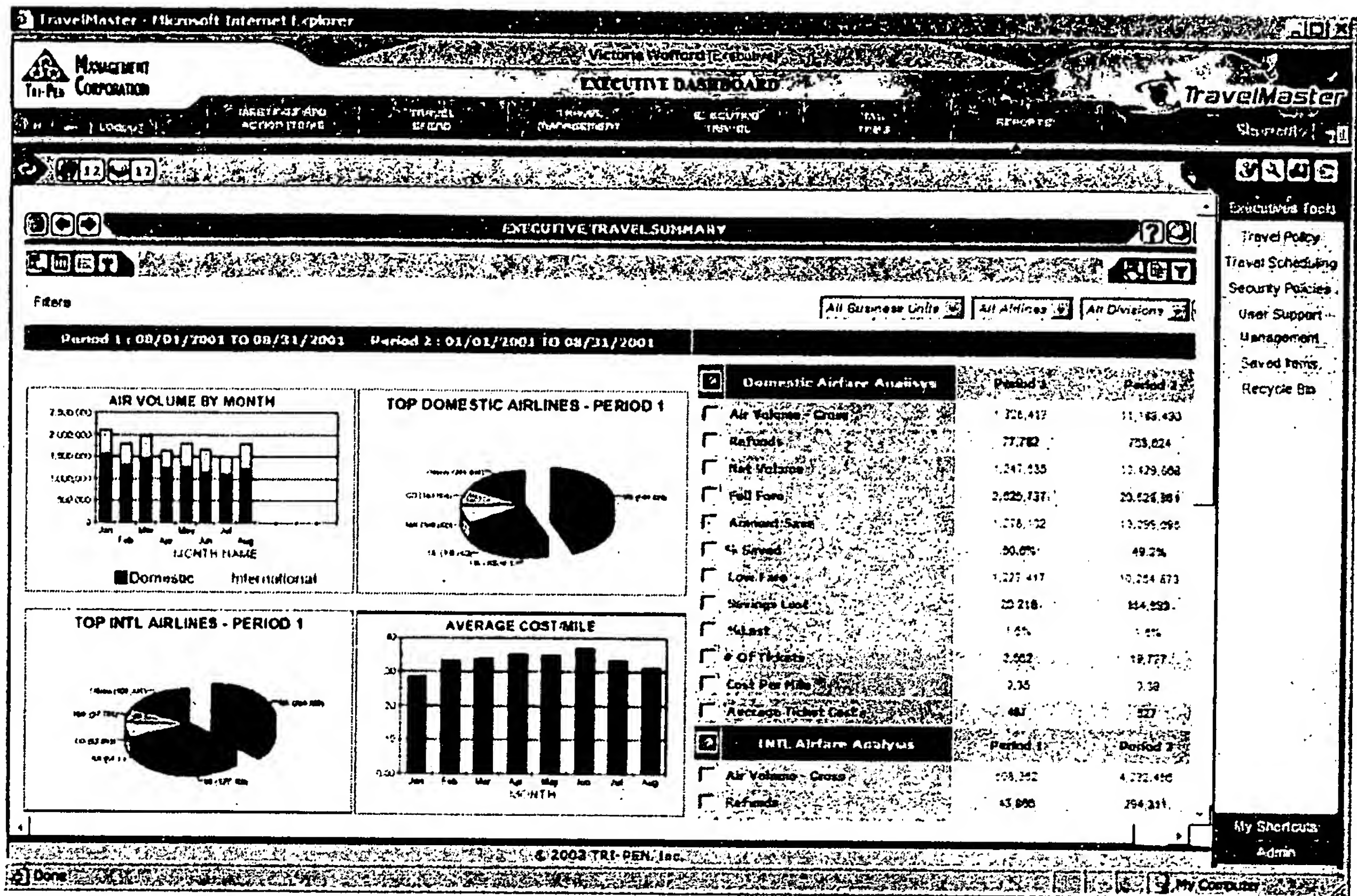
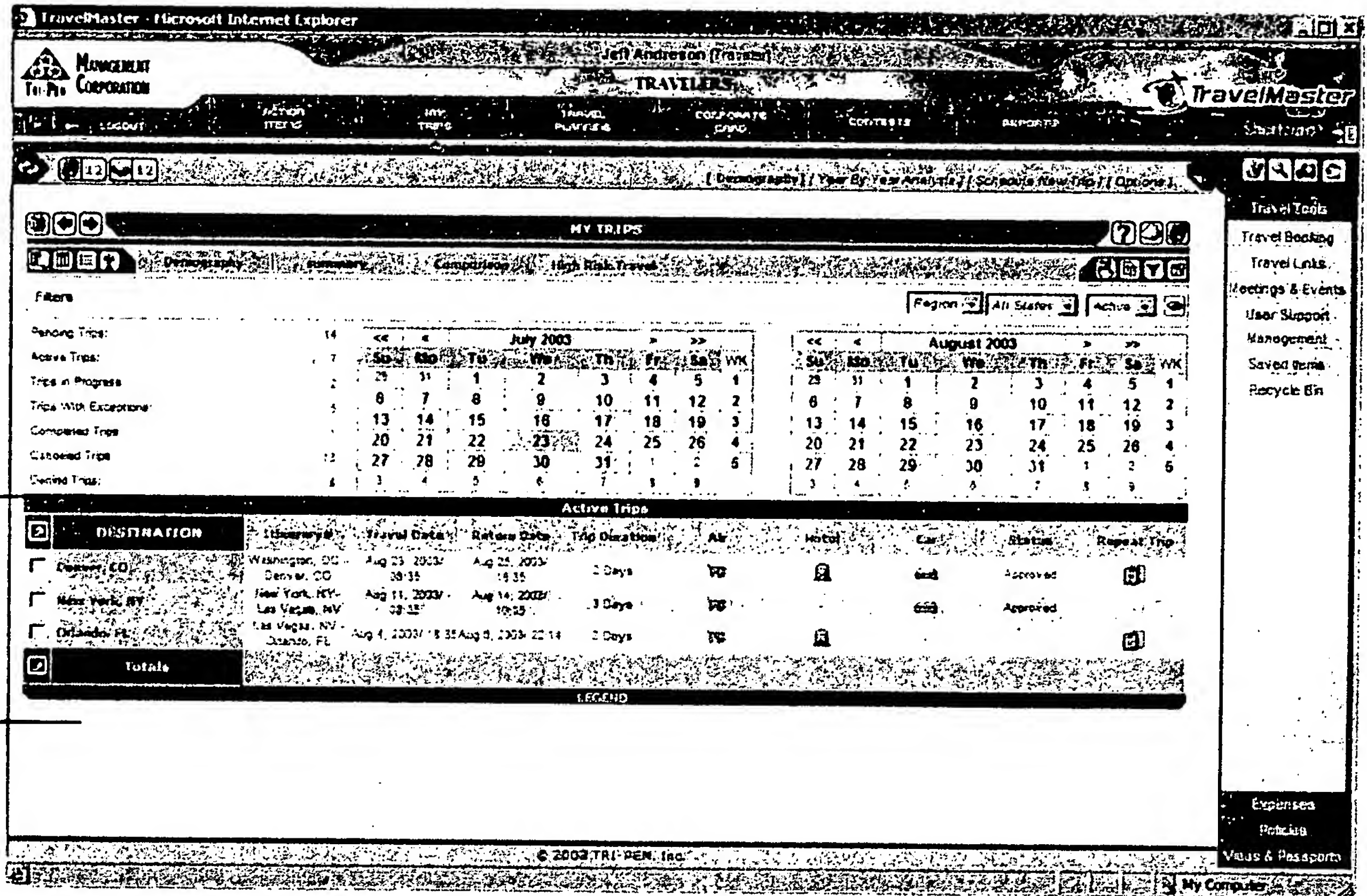


FIGURE 26



26000

FIGURE 27



27001

FIGURE 28

The screenshot displays the TravelCommander software interface. At the top, the title bar reads "TravelCommander™". Below it is a menu bar with "File", "Edit", "View", "Format", and "Help". The main window shows a user profile for "Victoria Wodford - Online" and tabs for "Messenger", "Travel Counselors", and "Contact List". A toolbar with various icons is visible. The central part of the interface features a table titled "Tri-Pen Management Corporation" with columns for "Name", "Phone", "Location", and "Title". Below this table is a list of links for various management functions, each with a date. At the bottom, there is a "Travel Policy Exceptions" section with a row of buttons showing counts, and a "System Notice" section.

| Name | Phone | Location | Title |
|---------------------|----------------|-------------|-----------|
| John Smith | (509) 555-1212 | Orlando USA | Marketing |
| Ashton R. Adams | (509) 555-1212 | Denver USA | CTO |
| Tim Whitaker | (509) 555-1212 | London UK | Sales |
| Christian Johansson | (509) 555-1212 | London UK | Agent |
| Doyal Bryant | (509) 555-1212 | London UK | Agent |

My Agents - 9/22

Travel Policy / Approvals / Booking / Management - 9/22

Security Policy / Health / Safety - 9/22

Corporate Card Policy / Management - 9/22

Program & Project Management / Budget Estimating - 12/34

Administrative Staff / Travel Assistants - 10/31

Visa's & Passports - 7/21

Travel Suppliers / Support - 2/10

Expense Reporting - 4/9

RFP Management - 9/13

Travel Policy Exceptions

(2) (4) (0) (0) (0) (1) (239) (7)

System Notice

Figure 29

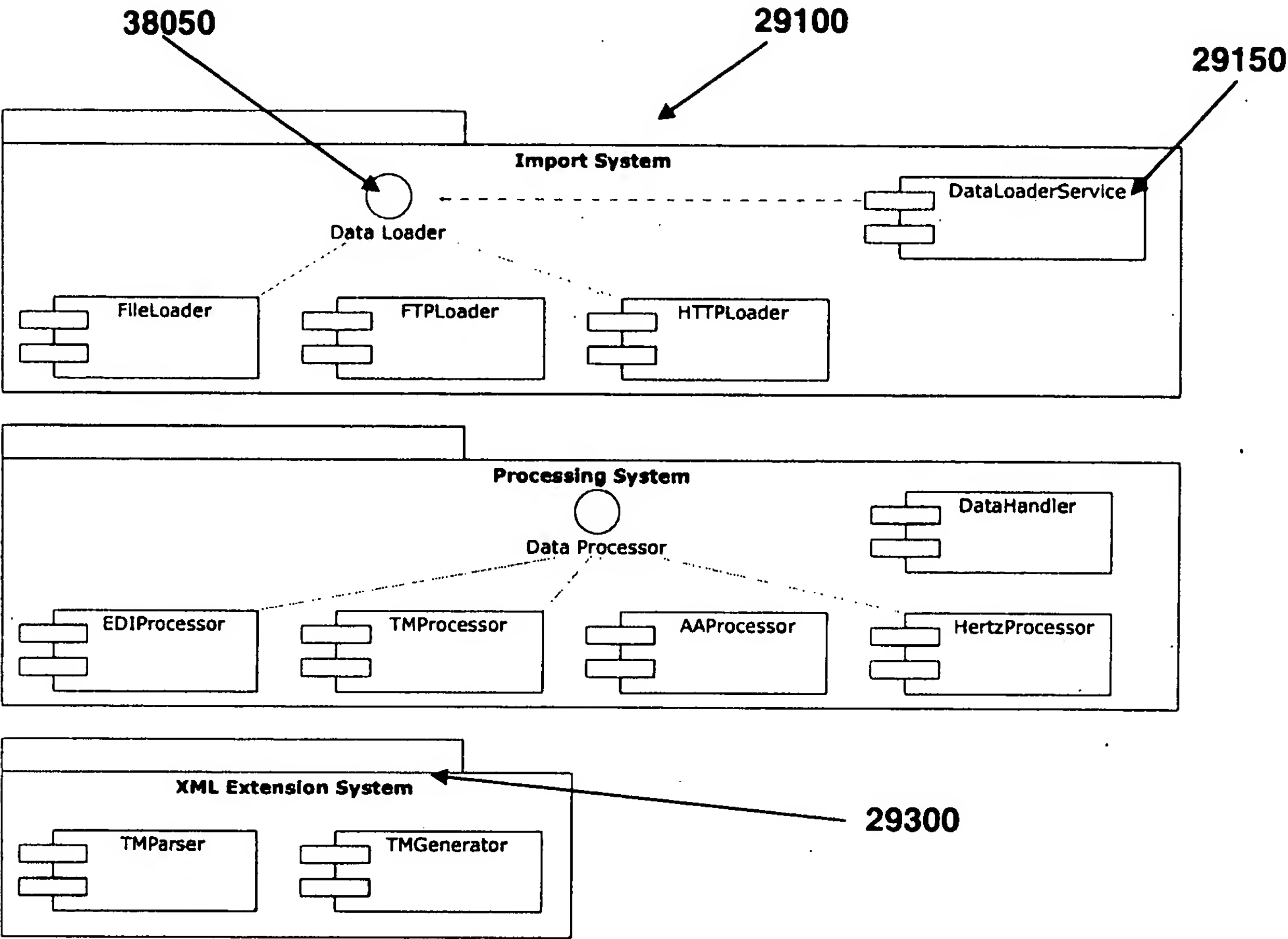


Figure 30

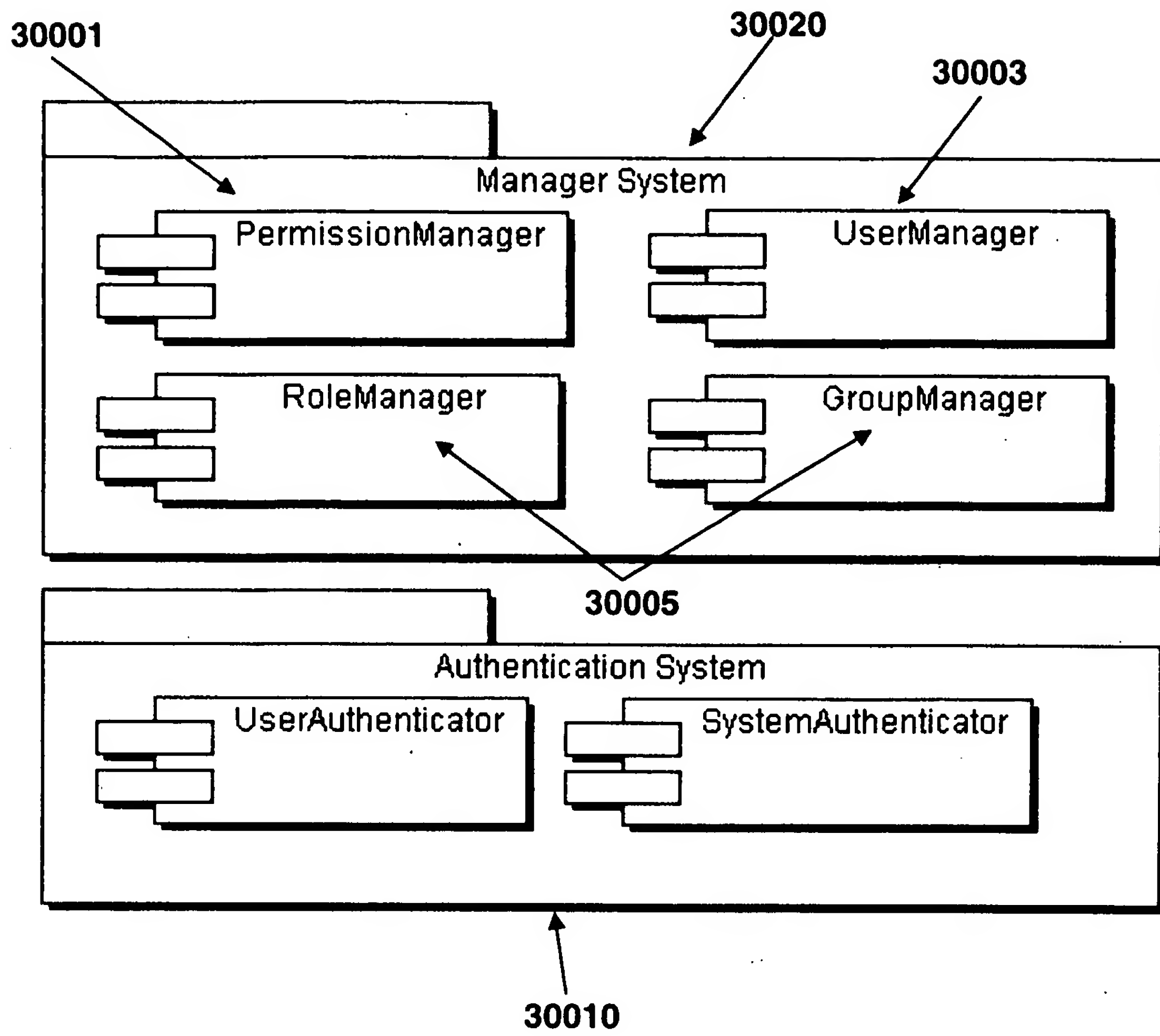


Figure 31

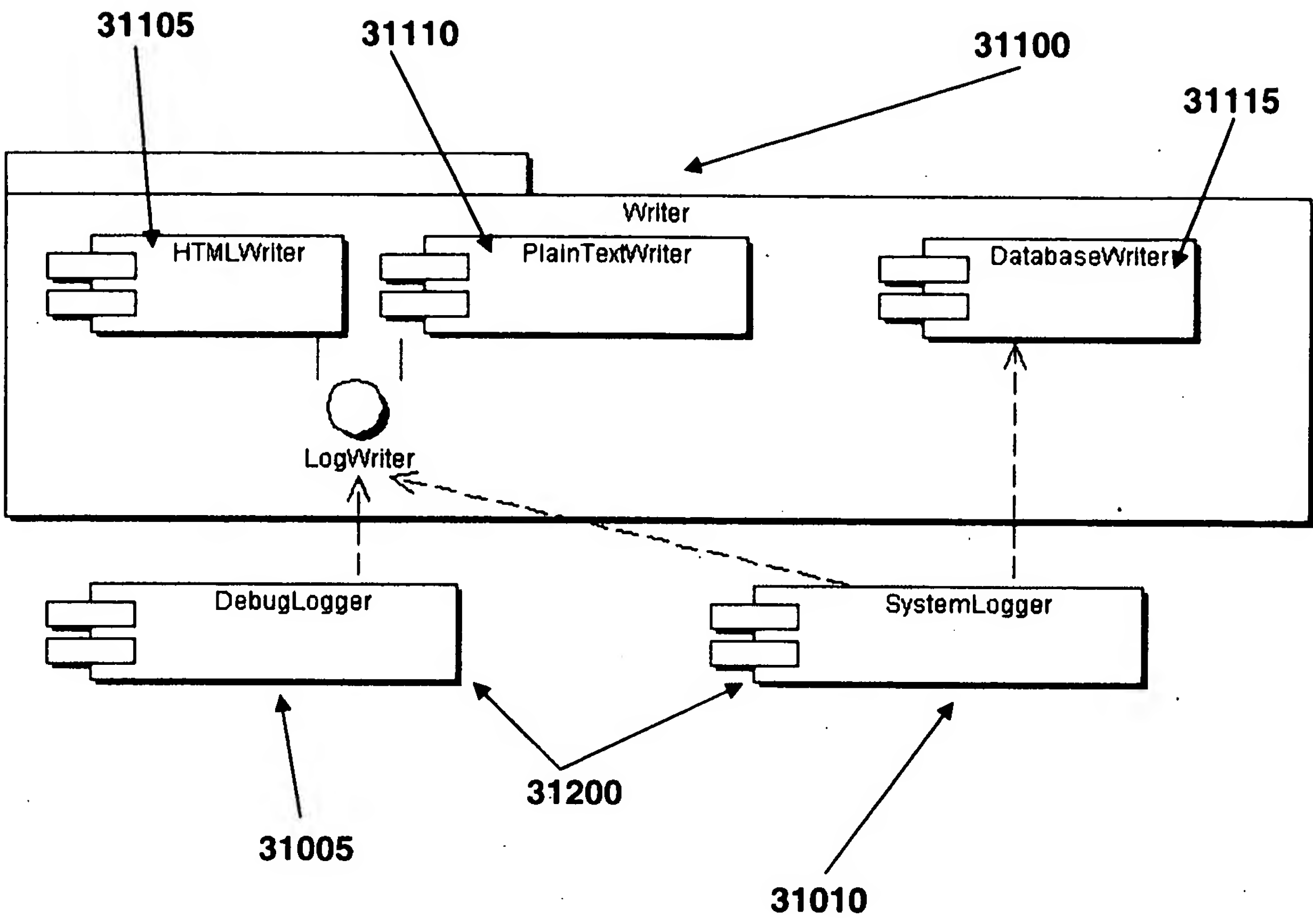


Figure 32

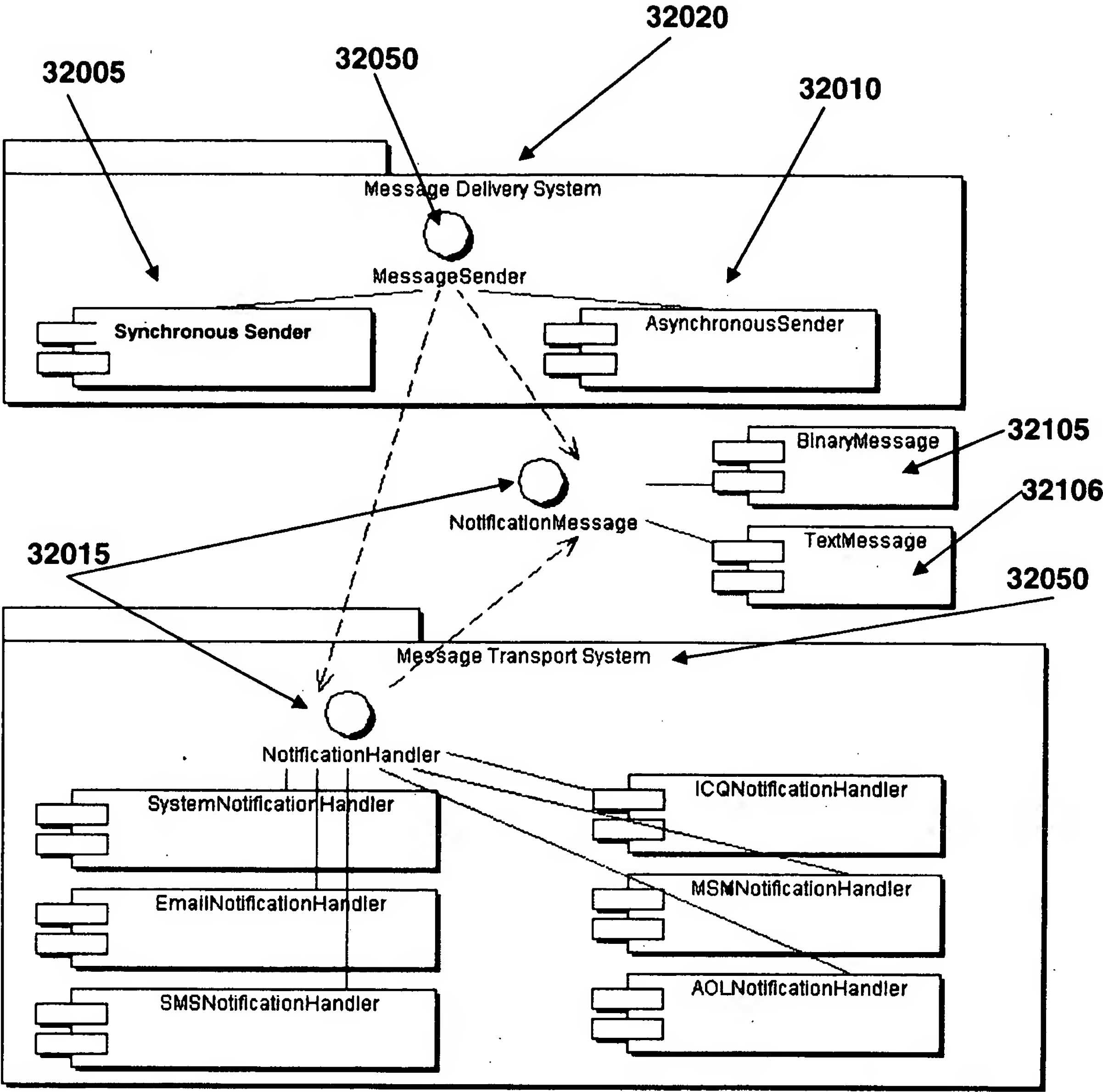


Figure 33

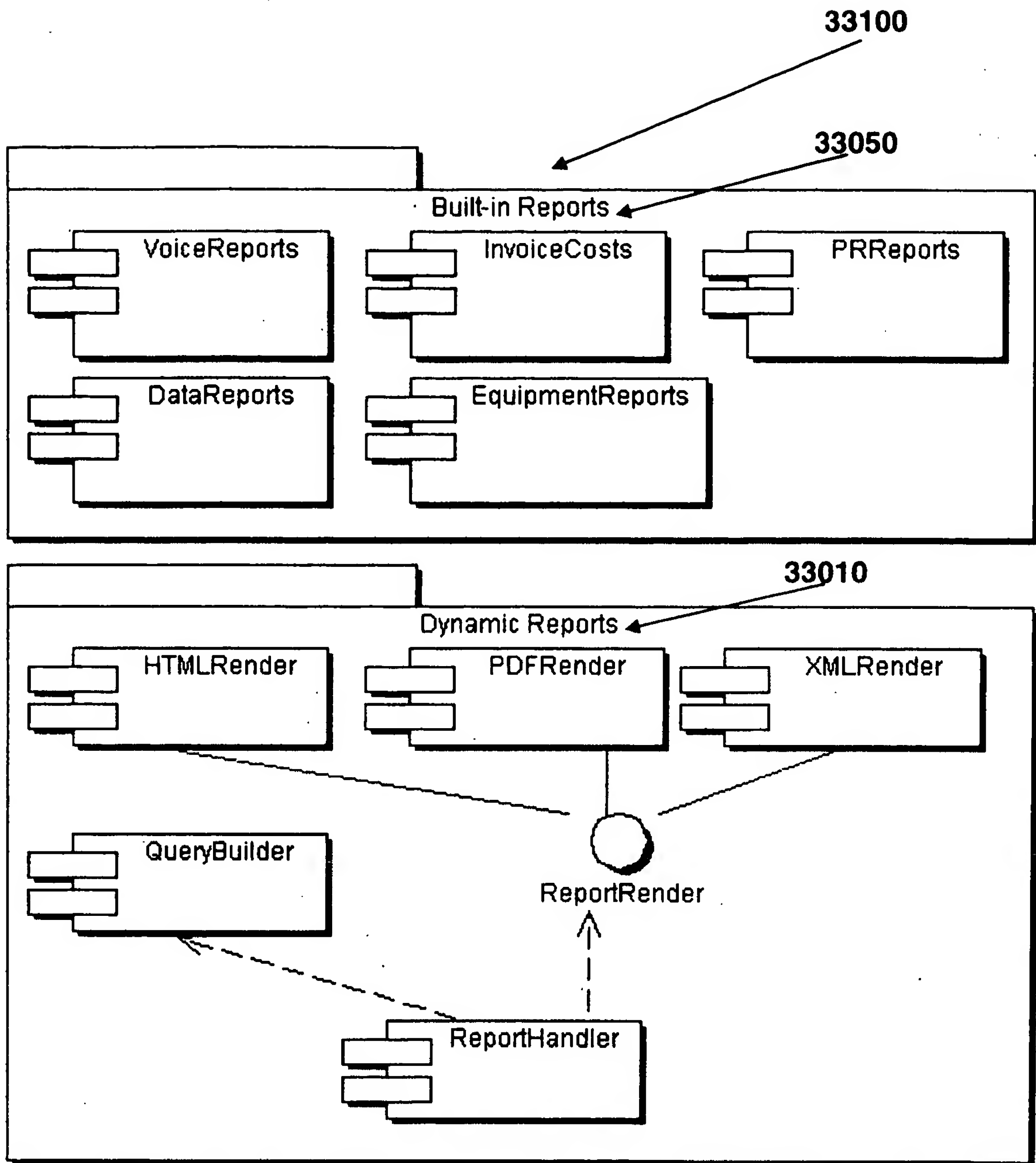
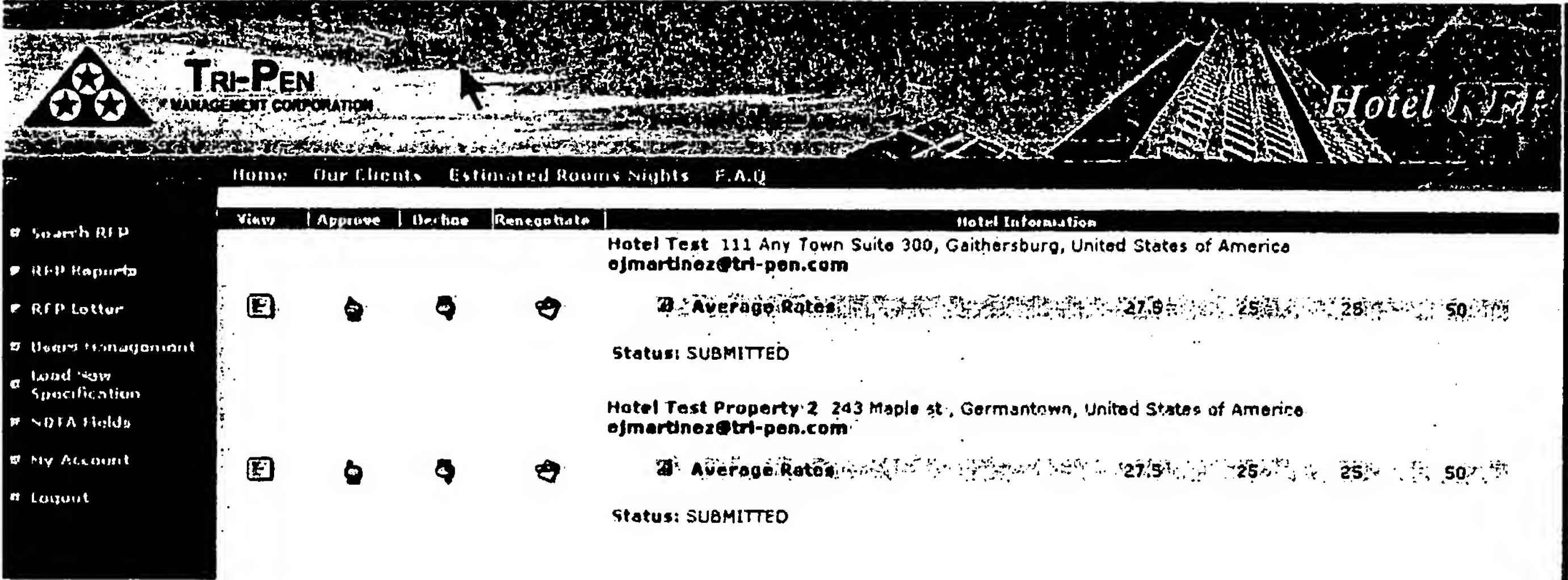


Figure 34



The screenshot displays the TRI-PEN Management Corporation website. The header includes the company logo and name, along with navigation links: Home, Our Clients, Estimated Rooms Nights, and F.A.Q. A sidebar on the left contains links for Search RFP, RFP Reports, RFP Letter, Users Management, Load New Specification, NDTA Fields, My Account, and Logout. The main content area shows a table of hotel properties with columns for View, Approve, Deny, and Renegotiate. Two properties are listed: 'Hotel Test' and 'Hotel Test Property 2', both with status 'SUBMITTED' and average rates of 27.9, 25.1, 25.1, and 50.7.

| View | Approve | Deny | Renegotiate | Hotel Information |
|------|---------|------|-------------|---|
| | | | | Hotel Test 111 Any Town Suite 300, Gaithersburg, United States of America ojmartinez@tri-pen.com Average Rates: 27.9, 25.1, 25.1, 50.7 Status: SUBMITTED |
| | | | | Hotel Test Property 2 243 Maple st, Germantown, United States of America ojmartinez@tri-pen.com Average Rates: 27.9, 25.1, 25.1, 50.7 Status: SUBMITTED |

34100

Figure 35

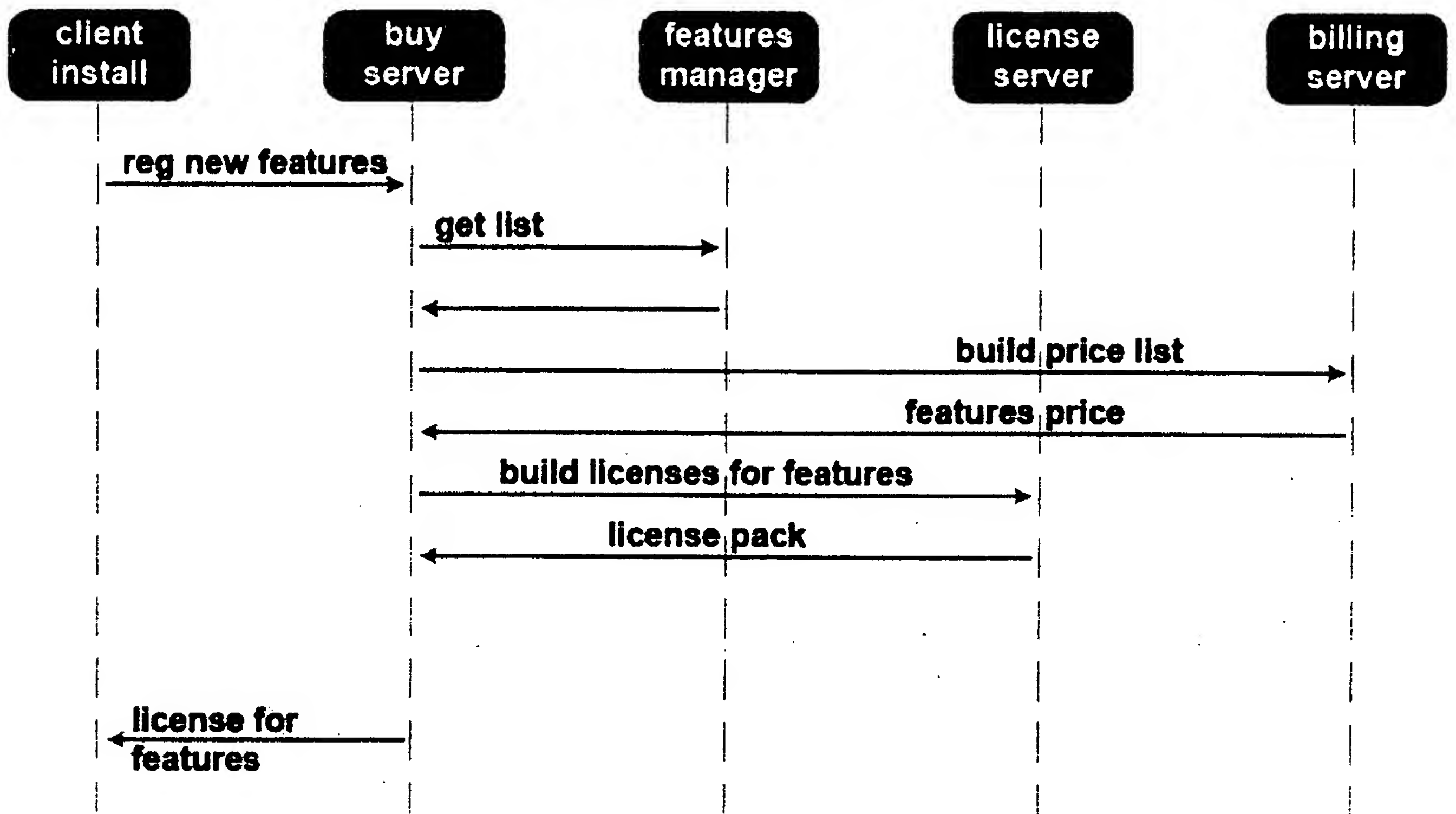


Figure 36

Database Diagram

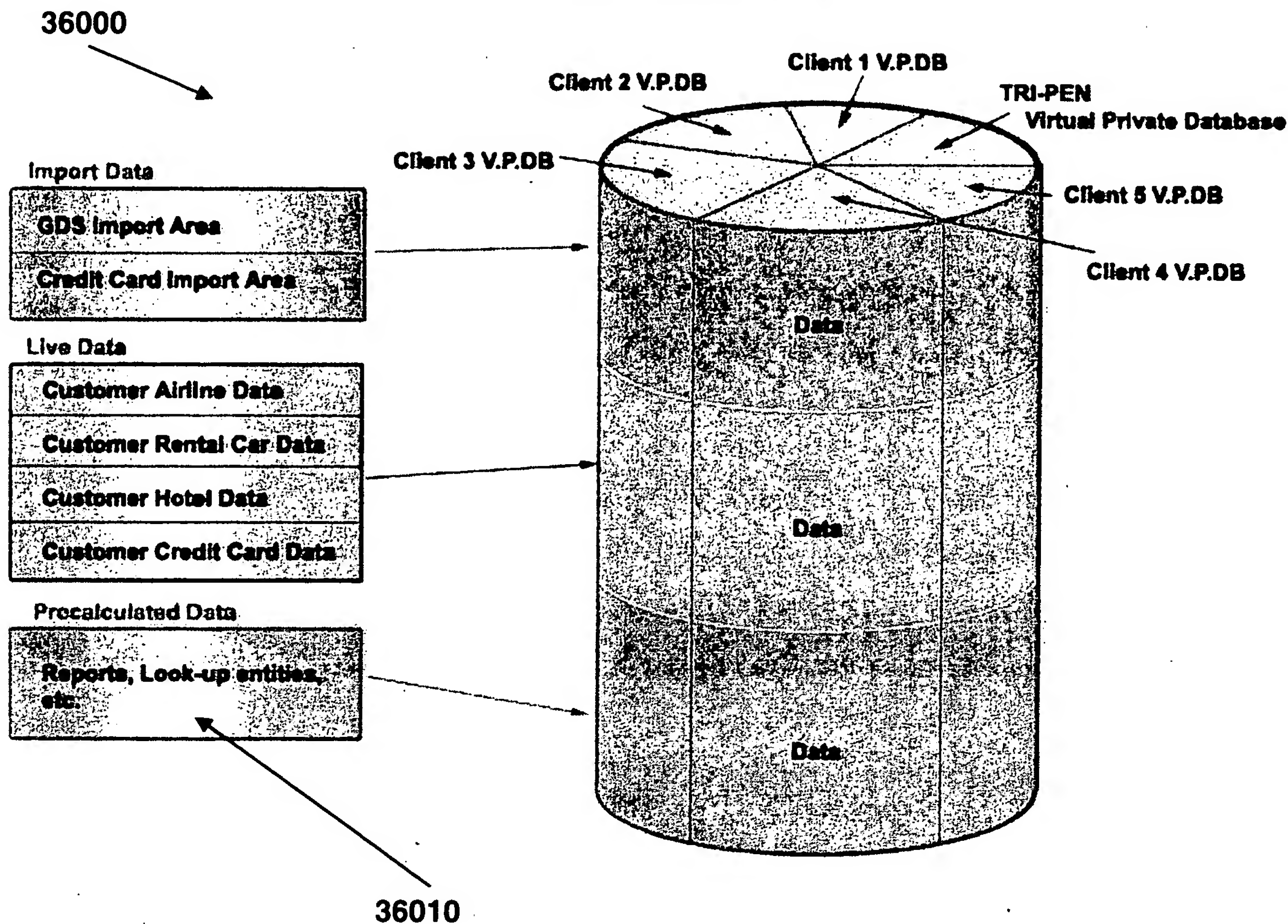


Figure 37

Pass Through of Direct Commands Within GDS

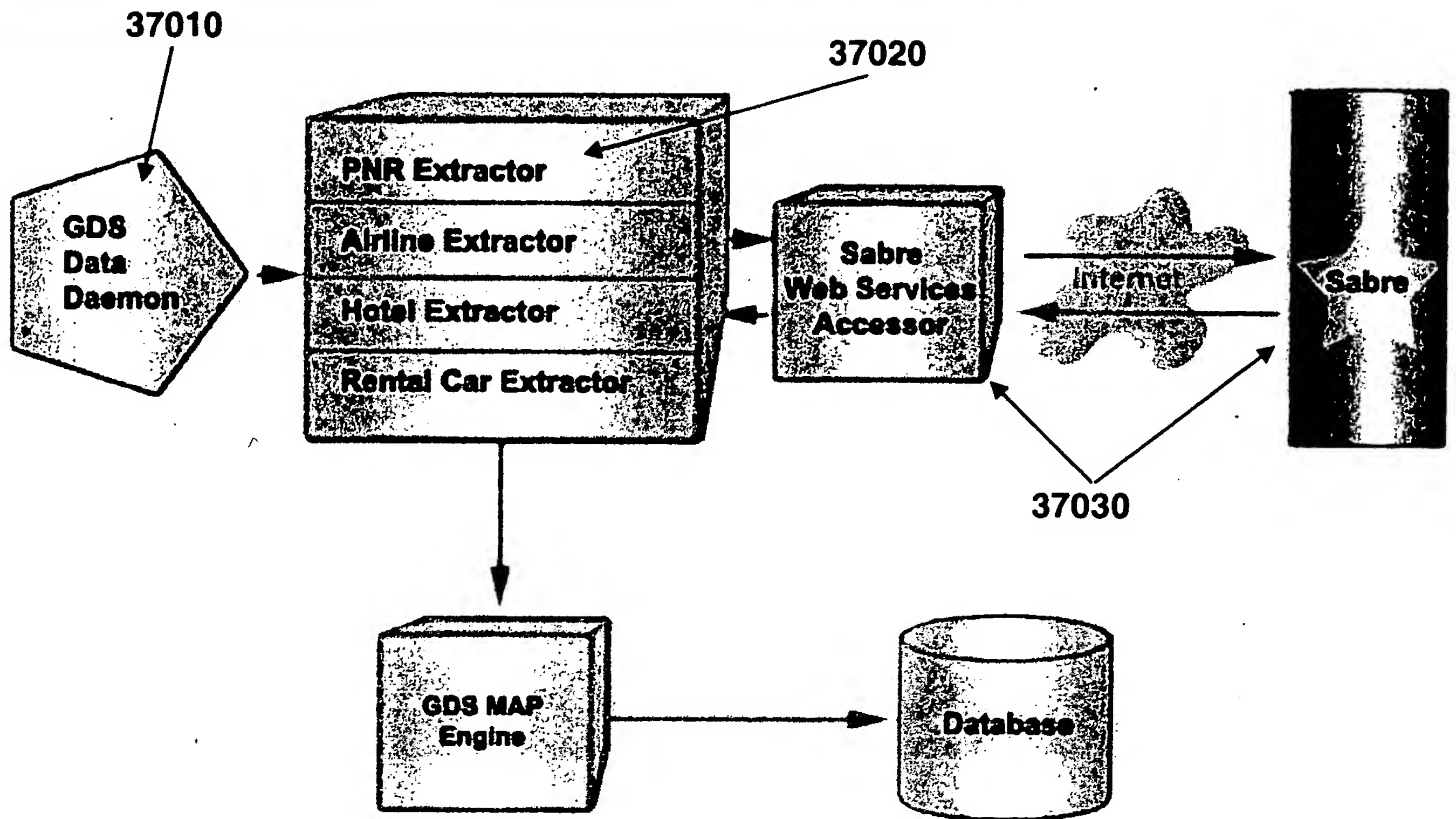


Figure 38

Import System / Processing System / XML Extension System

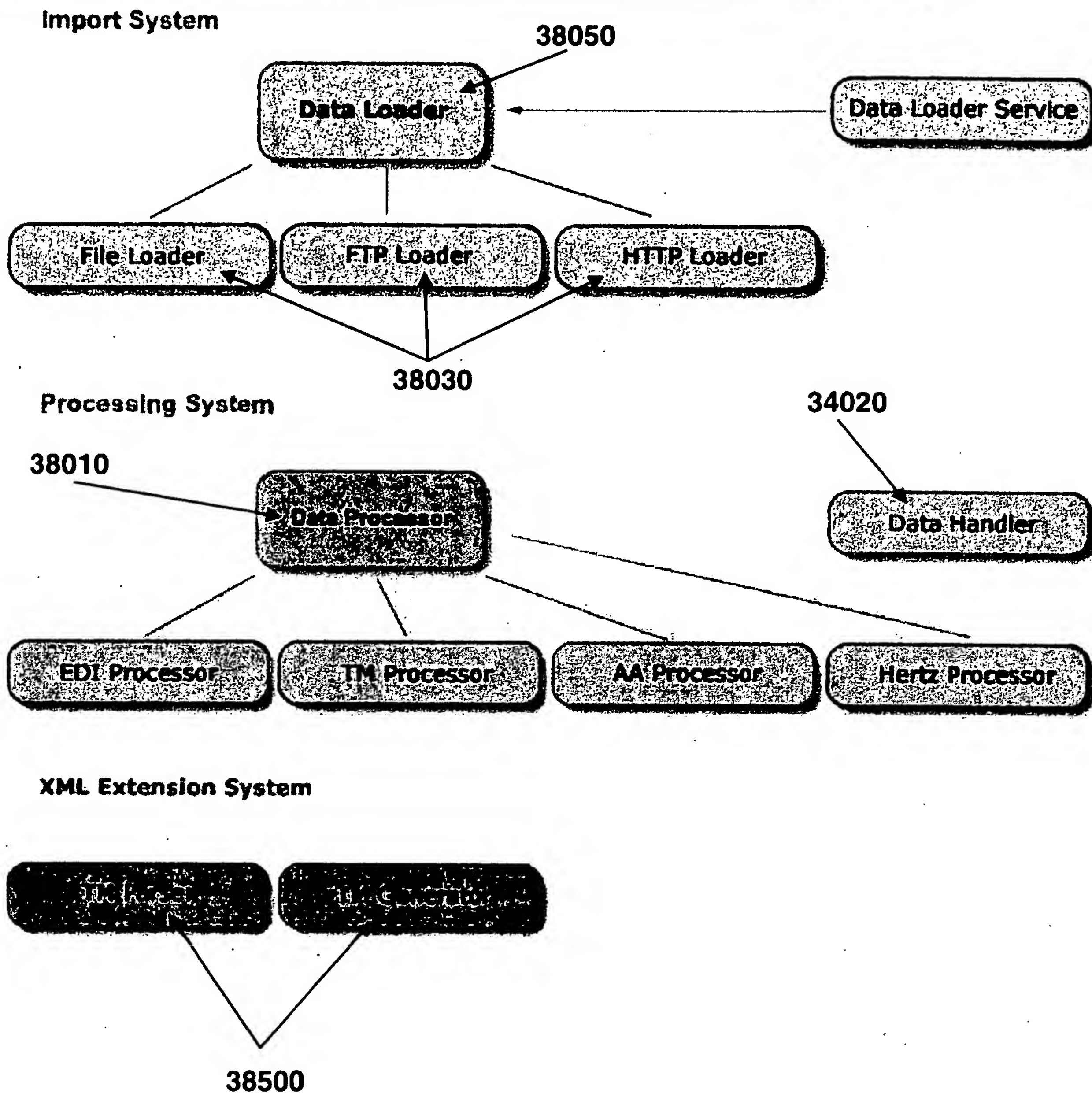


Figure 39

Layout Manager

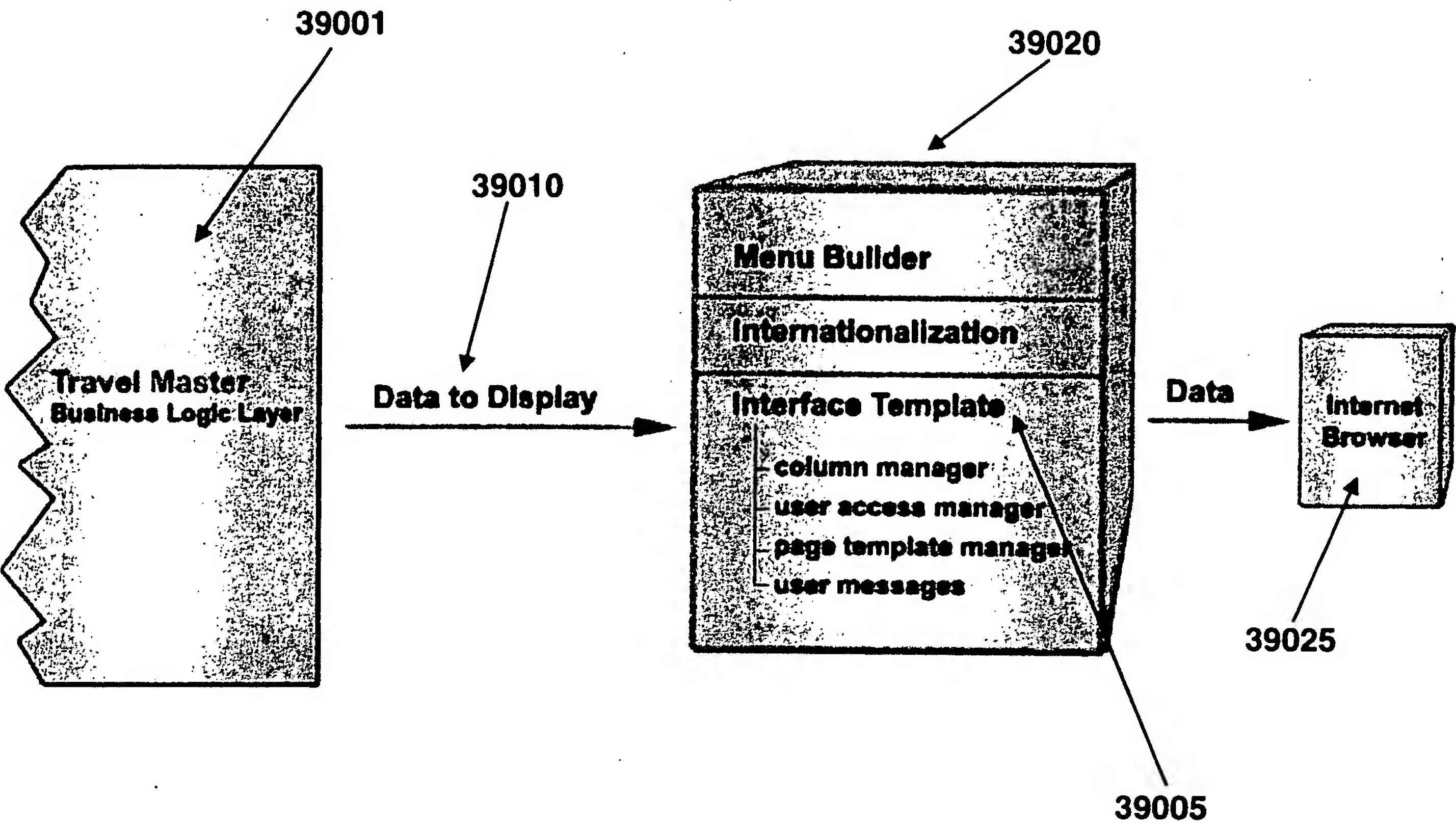


Figure 40

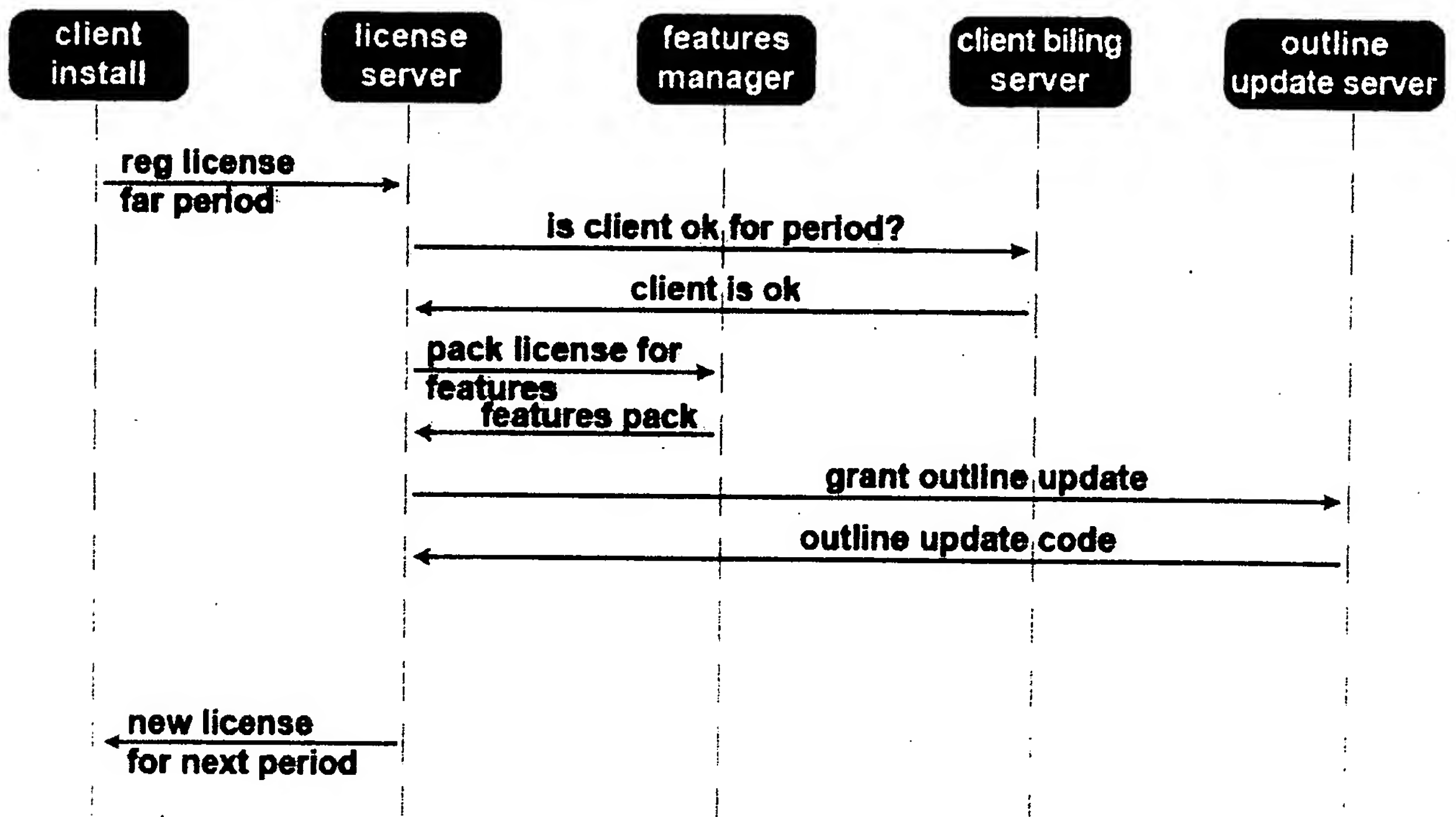
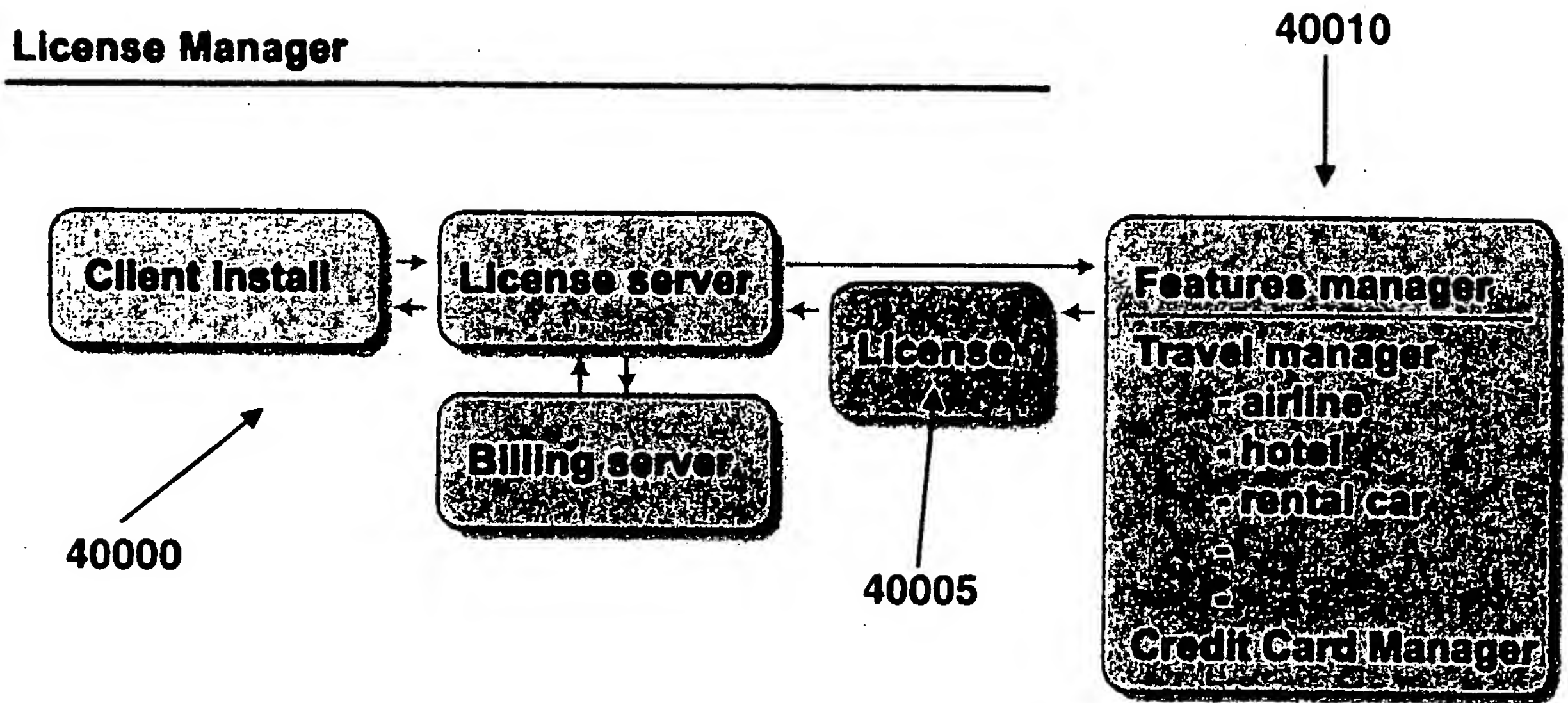
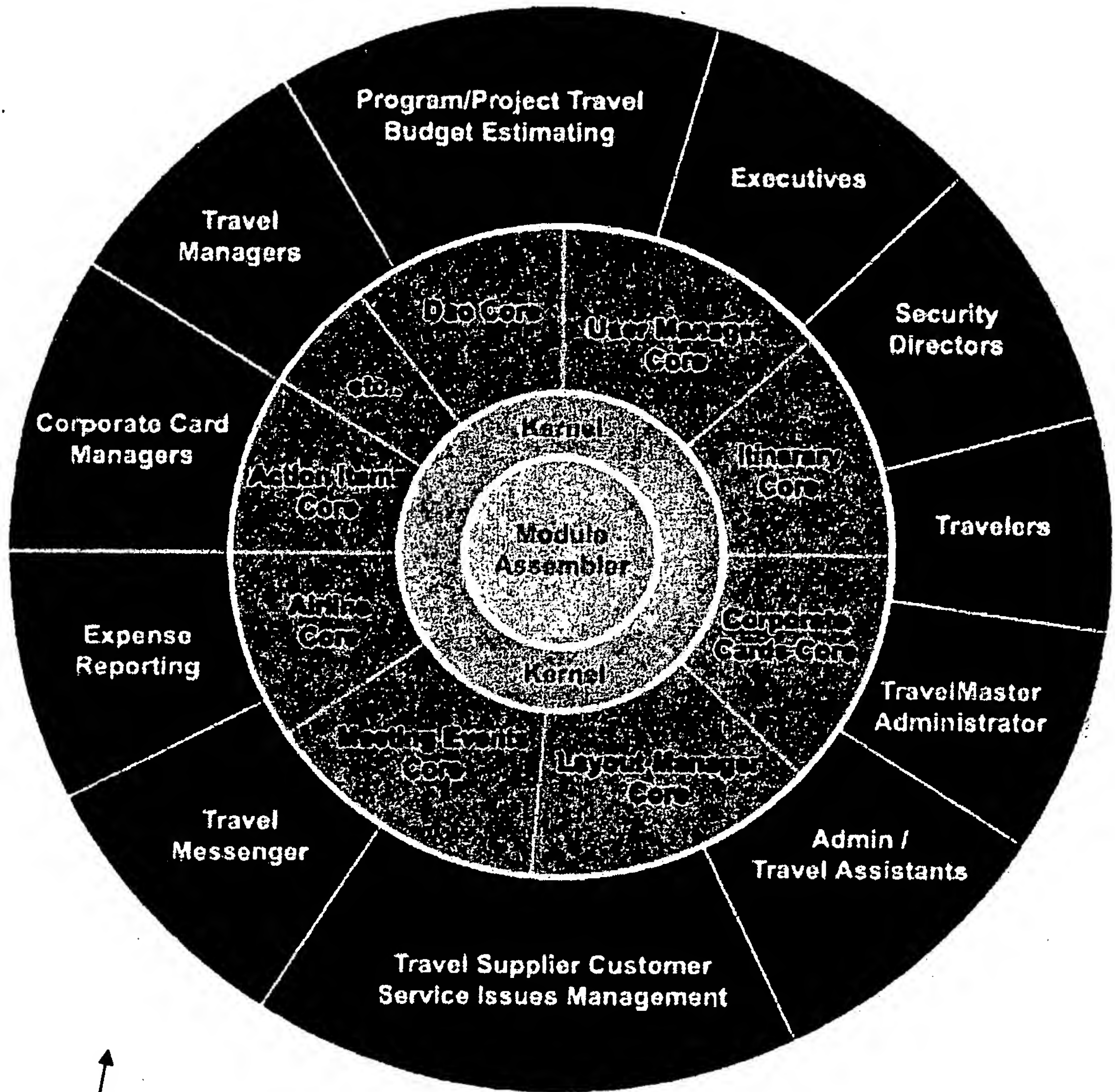


Figure 41

Plug In Manager



41010

Figure 42

Pre Travel Process

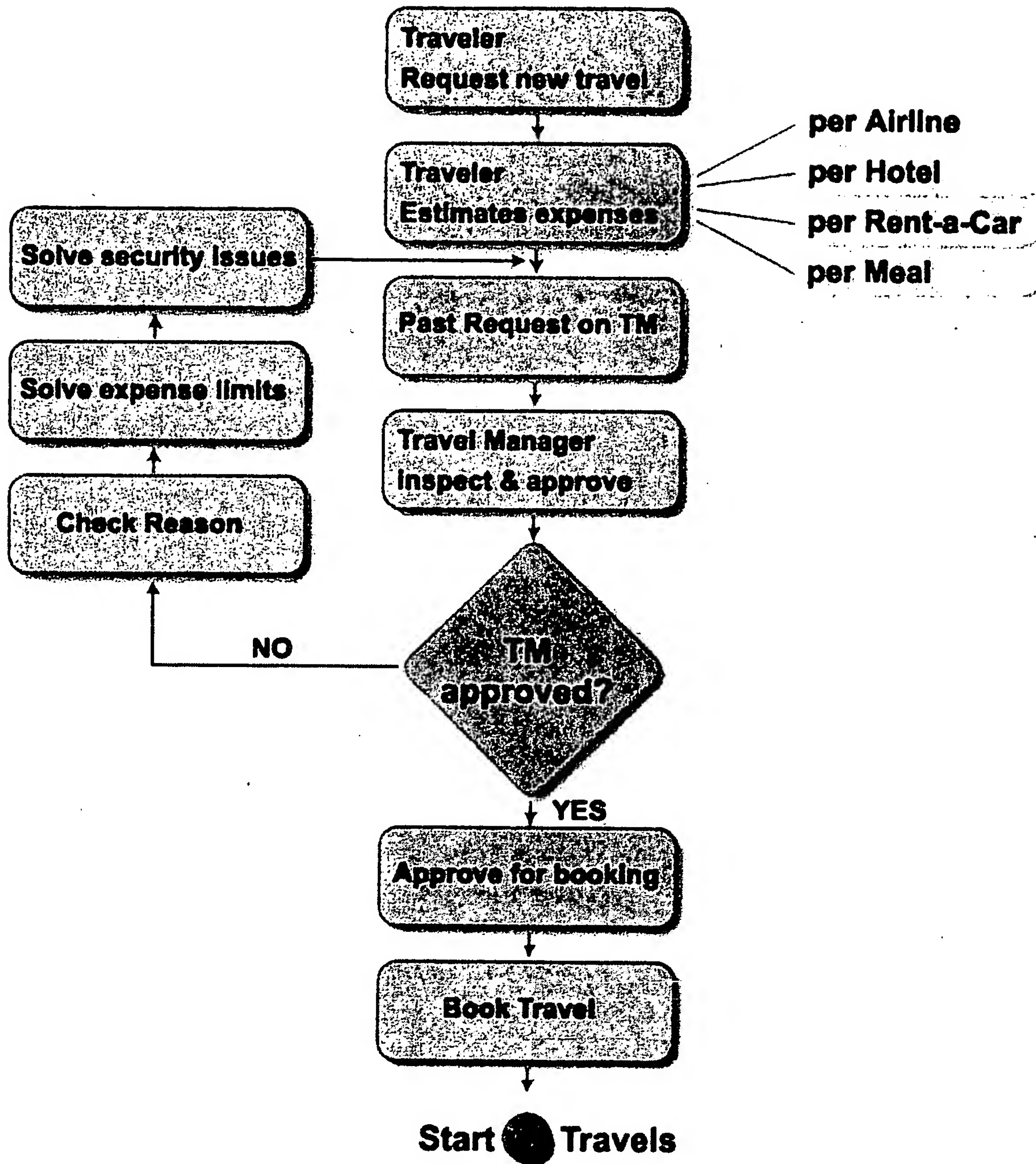


Figure 43

Total Travel Cost Management (TTCM) Cost Reduction
CURRENT

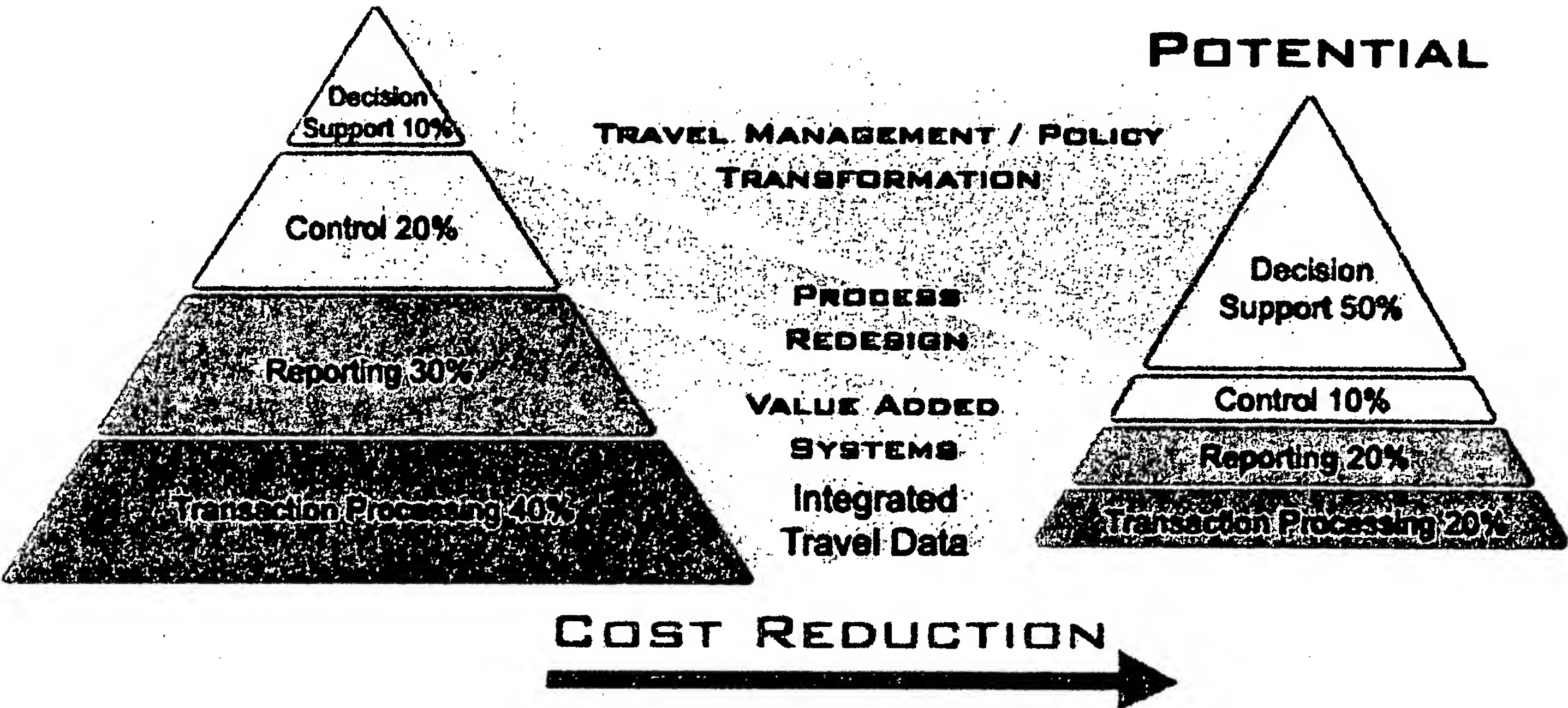


Figure 44

Web Based Portal Entry to the TravelMaster System

